

# Pennyrile Area Occupational Outlook to 2010



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Education Cabinet  
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Frankfort, Kentucky 40621

# **PENNYRILE AREA OCCUPATIONAL OUTLOOK TO 2010**

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## PREFACE

The Labor Market Information in this publication is based on a large array of labor market statistics collected and developed by the staff of the Research and Statistics (R&S) Branch in the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within R&S developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in the study. This is a statewide survey of approximately 20,000 employers, over a three-year period, representing the various industries in Kentucky. The employment data used to project industries to the year 2010 were based on the Current Employment Statistic (CES) and the Employment and Earnings (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 2000 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2010 publications for each Area Development Districts listed below:

ADD 1-Purchase Area	ADD 8&9-Buffalo Trace and Gateway Areas
ADD 2-Pennyriple Area	ADD 10-FIVCO Area
ADD 3-Green River Area	ADD 11-Big Sandy Area
ADD 4-Barren River Area	ADD 12-Kentucky River Area
ADD 5-Lincoln Trail Area	ADD 13-Cumberland Valley Area
ADD 6-Louisville (KIPDA) Area	ADD 14-Lake Cumberland Area
ADD 7-Northern Kentucky Area	ADD 15-Bluegrass Area

The projections and this publication are funded by the U.S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U.S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The Utah Department of Economic Security developed the personal computer-based model used for the occupational projections. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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## INTRODUCTION

Which jobs will be in demand in the Pennyryle Area from now until the year 2010? Which occupations will provide the most job openings each year through 2010? Which occupations are likely to grow the fastest and which are likely to decline from 2000 to 2010? The *Pennyryle Area Occupational Outlook to 2010* offers some insight into these often asked questions. Students, job seekers, counselors and others should find this report helpful.

This report contains highlights and a user's guide to occupational statistics that provide answers to frequently asked questions regarding the statistics. Also included are tables of the top 45 Pennyryle Area occupations with the most annual job openings and the 44 fastest-growing Pennyryle Area occupations. The Pennyryle Area Occupational Employment Outlook and Job Openings tables beginning on page 9 provides occupational employment projections for a variety of occupations. This table also presents, for each of these occupations, the number and percentage of expected change in employment and the average number of annual job openings for the period of 2000 to 2010.

While this study provides projections of occupational trends and job openings in the Pennyryle Area, it should be stressed that the estimates are subject to the limitations that are a part of any effort to determine future conditions. It is impossible to predict what the Pennyryle Area will look like in 2010. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available.

The estimates in this report reflect only the demand for labor from 2000 through 2010. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes that are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

**NOTE:** These 2000-2010 projections use the new Standard Occupational Classification (SOC) system, while prior versions of projections used the Occupational Employment Statistics (OES) codes for classifying occupations. Because of this change, the titles and content of major occupational groups and many detailed occupations are substantially different. Several major groups have been renamed, combined, or reorganized. Some individual occupations also have been renamed or classified within different major groups. Some occupations are no longer listed, while newer occupations are listed for the first time with the SOC system. Because of these changes, the 2000-2010 projections are not comparable with earlier sets of projections. Information of the SOC system can be obtained at the U.S. Bureau of Labor Statistics SOC Home Page at <http://www.bls.gov/soc/home.htm>.

## HIGHLIGHTS

- ✓ Pennyrile Area employment is expected to grow from 85,330 to 94,463 between 2000 and 2010, a gain of 10.7 percent.
- ✓ Between 2000 and 2010, the total annual job openings are expected to be about 2,945.
- ✓ Growth in employment will make available about 913 job openings annually.
- ✓ Approximately 2,032 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- ✓ Approximately 31 percent of job openings will result from growth, and the remaining 69 percent will result from separations from the labor force.
- ✓ The greatest number of job openings will be in the Sales and Related Occupations (353), followed by the Production Occupations (350), and the Food Preparation and Serving Related Occupations (343).
- ✓ Particular Occupations with the largest percentage of change from 2000 to 2010 in the Pennyrile Area are Counter and Rental Clerks (76%), Computer Support Specialists (71%), Taxi Drivers and Chauffeurs (68%) and Computer-Controlled Machine Tool Operators (67%).
- ✓ The largest growth rates between 2000 and 2010 are expected to be in the Computer and Mathematical Occupations (38%), the Legal Occupations (28%), and the Arts, Design, Entertainment, Sports and Media Occupations (22%).
- ✓ The top two Pennyrile Area occupations with the most annual job openings are Child Care Workers (145) and Cashiers (134).

## A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

***When looking at an occupation, what key outlook data should you review?***

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

***What creates job openings?***

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

***What causes employment change?***

*Industrial growth or decline* has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

*Technological change* can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

*New ways of doing business* such as self-service, out-sourcing, or 24-hour operations can affect employment change.

***Then what about employment separations?***

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

***Do workers tend to leave one occupation more than another?***

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

***What factors affect the number of job openings for an occupation?***

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

***Which factor is more important?***

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

***What is the best way to compare one occupation with another?***

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

**Top 45**  
**Pennyrile Area Occupations With The Most Annual Job Openings**

		Job Openings		
		Average Annual		
		2000-2010		
Occupation Code	Occupational Title	Growth	Separations	Total
<b><u>Management Occupations</u></b>				
11-1021	General and Operations Managers	12	22	34
<b><u>Education, Training and Library Occupations</u></b>				
25-9041	Teacher Assistants	25	18	43
25-2021	Elementary School Teachers, Except Special Ed.	10	21	31
25-2031	Secondary School Teachers, Ex. Special & Vocational Ed.	8	16	24
25-2011	Preschool Teachers, Except Special Education	15	3	18
<b><u>Healthcare Practitioners and Technical Occupations</u></b>				
29-1111	Registered Nurses	27	32	59
<b><u>Healthcare Support Occupations</u></b>				
31-1012	Nursing Aides, Orderlies, and Attendants	18	19	37
<b><u>Protective Service Occupations</u></b>				
33-3012	Correctional Officers and Jailers	18	16	34
33-9032	Security Guards	10	16	26
<b><u>Food Preparation and Serving Workers</u></b>				
35-3021	Comb. Food Prep & Serving Workers, Inc. Fast Food	49	78	127
35-3031	Waiters and Waitresses	20	44	64
35-2021	Food Preparation Workers	10	21	31
35-2015	Cooks, Short Order	5	14	19
35-2012	Cooks, Institution and Cafeteria	0	18	18
35-9021	Dishwashers	0	17	17
<b><u>Building and Grounds, Cleaning and Maintenance Occupations</u></b>				
37-2011	Janitors & Cleaners, Ex. Maids & Housekeeping	26	29	55
37-2012	Maids and Housekeeping Cleaners	13	27	40
<b><u>Personal Care and Service Occupations</u></b>				
39-9011	Child Care Workers	47	98	145
39-3031	Ushers, Lobby Attendants, and Ticket Takers	5	22	27
<b><u>Sales and Related Occupations</u></b>				
41-2011	Cashiers	41	93	134
41-2031	Retail Salespersons	31	79	110
41-2021	Counter and Rental Clerks	25	15	40
41-1011	Supervisors/Managers of Retail Sales Workers	13	13	26



**Top 45**  
**Pennyrile Area Occupations With The Most Annual Job Openings (cont'd)**

<b>Occupation Code</b>	<b>Occupational Title</b>	<b>Job Openings</b>		
		<b>Average Annual 2000-2010</b>		
		<b>Growth</b>	<b>Separations</b>	<b>Total</b>
<b><u>Office and Administrative Support Occupations</u></b>				
43-9061	Office Clerks, General	26	19	<b>45</b>
43-5081	Stock Clerks and Order Fillers	0	33	<b>33</b>
43-5052	Postal Service Mail Carriers	0	24	<b>24</b>
43-3071	Tellers	0	20	<b>20</b>
43-3031	Bookkeeping, Accounting, and Auditing Clerks	0	19	<b>19</b>
43-6014	Secretaries, Except Legal, Medical, and Executive	0	19	<b>19</b>
43-4171	Receptionists and Information Clerks	6	11	<b>17</b>
<b><u>Constructing and Extraction Occupations</u></b>				
47-2111	Electricians	8	10	<b>18</b>
47-2031	Carpenters	8	9	<b>17</b>
<b><u>Installation, Maintenance and Repair Occupations</u></b>				
49-3023	Automotive Service Technicians and Mechanics	7	14	<b>21</b>
49-9051	Electrical Power-Line Installers and Repairers	12	7	<b>19</b>
49-1011	Supervisors/Managers of Mechanics, Installers	7	10	<b>17</b>
49-9042	Maintenance and Repair Workers, General	0	17	<b>17</b>
<b><u>Production Occupations</u></b>				
51-2092	Team Assemblers	80	26	<b>106</b>
51-4072	Molding, Coremaking & Casting Machine Setter	25	14	<b>39</b>
51-6031	Sewing Machine Operators	0	20	<b>20</b>
51-1011	Supervisors/Managers of Production & Operating	4	15	<b>19</b>
51-4081	Multiple Machine Tool Setter, Operator & Tender	9	9	<b>18</b>
<b><u>Transportation and Material Moving Occupations</u></b>				
53-7062	Laborers & Freight, Stock & Material Movers, Hand	4	48	<b>52</b>
53-3032	Truck Drivers, Heavy and Tractor-Trailer	17	19	<b>36</b>
53-3033	Truck Drivers, Light or Delivery Services	14	9	<b>23</b>
53-6031	Service Station Attendants	5	12	<b>17</b>

**Top 45  
Fast-Growing Pennyrile Area Occupations**

Occupation Code	Occupational Title	Fast Growing Occupations				Total
		Employment		Change		Job Openings
		Actual 2000	Projected 2010	2000-2010 Number	Percent	Average Annual 2000-2010
<b><u>Management Occupations</u></b>						
11-9021	Construction Managers	82	105	23	<b>28.0</b>	3
11-3011	Administrative Services Managers	78	99	21	<b>26.9</b>	3
<b><u>Computer and Math Occupations</u></b>						
15-1041	Computer Support Specialists	45	77	32	<b>71.1</b>	3
15-1071	Network and Computer Systems Admin.	50	79	29	<b>58.0</b>	3
15-1051	Computer Systems Analysts	89	118	29	<b>32.6</b>	4
<b><u>Architectural and Engineering Occupations</u></b>						
17-3011	Architectural and Civil Drafters	112	166	54	<b>48.2</b>	8
17-2071	Electrical Engineers	39	55	16	<b>41.0</b>	3
17-3031	Surveying and Mapping Technicians	36	49	13	<b>36.1</b>	2
17-2141	Mechanical Engineers	66	89	23	<b>34.8</b>	4
<b><u>Community and Social Service Occupations</u></b>						
21-1022	Medical and Public Health Social Workers	146	191	45	<b>30.8</b>	7
<b><u>Legal Occupations</u></b>						
23-2011	Paralegals and Legal Assistants	77	112	35	<b>45.5</b>	5
23-1011	Lawyers	109	147	38	<b>34.9</b>	5
<b><u>Education, Training and Library Occupations</u></b>						
25-2011	Preschool Teachers, Ex. Special Education	234	388	154	<b>65.8</b>	18
25-1194	Vocational Ed. Teachers, Postsecondary	138	198	60	<b>43.5</b>	10
25-3011	Adult Lit, Remedial Ed. & GED Teachers	31	42	11	<b>35.5</b>	1
25-2041	Special Ed. Teachers, Preschool to Elem.	126	168	42	<b>33.3</b>	6
25-9041	Teacher Assistants	870	1115	245	<b>28.2</b>	43
<b><u>Healthcare Practitioners and Technical Occupations</u></b>						
27-1025	Interior Designers	67	90	23	<b>34.3</b>	3
27-2041	Music Directors and Composers	149	190	41	<b>27.5</b>	7
<b><u>Healthcare Practitioners and Technical Occupations</u></b>						
29-2055	Surgical Technologists	69	101	32	<b>46.4</b>	5
29-2041	EMT and Paramedics	111	146	35	<b>31.5</b>	7
29-2052	Pharmacy Technicians	176	229	53	<b>30.1</b>	10
29-1127	Speech-Language Pathologists	82	106	24	<b>29.3</b>	4
29-2033	Nuclear Medicine Technologists	38	49	11	<b>28.9</b>	2

**Top 45  
Fast-Growing Pennyryle Area Occupations (cont'd)**

		Fast Growing Occupations				Total
		Employment		Change		Job Openings
Occupation Code	Occupational Title	Actual 2000	Projected 2010	2000-2010 Number	Percent	Average Annual 2000-2010
<b><u>Healthcare Support Occupations</u></b>						
31-9092	Medical Assistants	95	135	40	<b>42.1</b>	7
31-1011	Home Health Aides	316	434	118	<b>37.3</b>	16
<b><u>Protective Service Occupations</u></b>						
33-3051	Police and Sheriff's Patrol Officers	181	231	50	<b>27.6</b>	9
33-3012	Correctional Officers and Jailers	642	818	176	<b>27.4</b>	34
<b><u>Food Preparation and Serving Workers</u></b>						
35-3021	Combined Food Prep & Serving Workers	1268	1762	494	<b>39.0</b>	127
35-2014	Cooks, Restaurant	182	234	52	<b>28.6</b>	10
<b><u>Personal Care and Service Occupations</u></b>						
39-9031	Fitness Trainers and Aerobics Instructors	42	65	23	<b>54.8</b>	3
39-4021	Funeral Attendants	64	85	21	<b>32.8</b>	4
39-3091	Amusement and Recreation Attendants	157	208	51	<b>32.5</b>	10
<b><u>Sales and Related Occupations</u></b>						
41-2021	Counter and Rental Clerks	324	569	245	<b>75.6</b>	40
41-9021	Real Estate Brokers	31	40	9	<b>29.0</b>	2
<b><u>Office and Administrative Support Occupations</u></b>						
43-4081	Hotel, Motel, and Resort Desk Clerks	53	75	22	<b>41.5</b>	4
<b><u>Constructing and Extraction Occupations</u></b>						
47-2141	Painters, Construction and Maintenance	97	140	43	<b>44.3</b>	6
47-4011	Construction and Building Inspectors	44	61	17	<b>38.6</b>	3
<b><u>Installation, Maintenance and Repair Occupations</u></b>						
49-9051	Electrical Power-Line Installers and Repairers	202	318	116	<b>57.4</b>	19
49-9041	Industrial Machinery Mechanics	203	306	103	<b>50.7</b>	16
<b><u>Production Occupations</u></b>						
51-4011	Computer-Controlled Machine Tool Operator	111	185	74	<b>66.7</b>	11
51-2092	Team Assemblers	1489	2285	796	<b>53.5</b>	106
51-4072	Molding, Coremaking & Casting Mach. Setter	665	910	245	<b>36.8</b>	39
51-5011	Bindery Workers	52	70	18	<b>34.6</b>	3
<b><u>Transportation and Material Moving Occupations</u></b>						
53-3041	Taxi Drivers and Chauffeurs	98	165	67	<b>68.4</b>	8

## Explanation of Data Elements on the Occupational Outlook Table

### *Occupational Employment Outlook and Job Openings*

Occupational		Employment 2000      2010		Job Growth 2000      2010		Average Annual Job Openings			Average Wage	Education/ Training Required *
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	
<p>• <b>Occupational Codes and Titles</b> used in this report are based on the <i>Standard Occupational Coding (SOC)</i> Structure.</p> <p><b>NOTE:</b></p> <p><i>Alphabetical listing beginning on page 34 should help locate a specific occupation within the tables.</i></p>		<p>• <b>Estimated</b> 2000 employment is based on the <i>Occupational Employment Statistics (OES)</i> Survey of employers.</p> <p>• <b>Projected</b> 2010 levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2000 and 2010.</p> <p><b>NOTE:</b></p> <p><i>The Occupational employment estimates for 2000 to 2010 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.</i></p>		<p>• <b>Number</b> - The total number of jobs in an occupation gained or lost over the 2000 to 2010 period.</p> <p>• <b>Percent</b> - Percent change in employment in an occupation over the ten year period.</p> <p><b>NOTE:</b></p> <p><i>In Kentucky, 16.0 percent job growth between 2000 and 2010 is the average growth for all occupations.</i></p> <p><i>An occupation is expected to experience:</i></p> <ol style="list-style-type: none"> <li>1) <i>average growth if percent change is between 12 to 18%;</i></li> <li>2) <i>very fast growth if &gt; 30%;</i></li> <li>3) <i>fast growth if &gt;18% &lt; 30%;</i></li> <li>4) <i>slow growth if &gt;5% &lt;12%;</i></li> <li>5) <i>very slow growth if &gt;0% &lt;5%;</i></li> <li>6) <i>negative or declining growth &lt;0%.</i></li> </ol>		<p>• <b>Growth</b> openings provide estimates of the average number of job openings expected to occur each year between 2000 and 2010 that result from employment growth.</p> <p>• <b>Separation</b> openings provide estimates of the average number of job openings expected to occur each year in an occupation, resulting from workers separating or leaving the occupation for such reasons as retirement, promotion, or simply transferring among occupations. Such separations would require replacement workers.</p> <p>• <b>Total</b> openings provide estimates of the total number of job openings expected each year from employment growth or job separations.</p> <p><b>NOTE:</b></p> <p><i>If employment growth is negative, the total number of job openings will equal the number of separations. They are equal because the number of separations already takes into account the negative employment growth.</i></p>			<p>• <b>Average wage</b> in this report always refers to the 2001 mean average hourly wage.</p> <p><b>NOTE</b></p> <p><i>Average hourly wages for each of the teacher occupations in this report were calculated from the average annual wage by assuming the average working months per year was 9.5 and average hours worked per week was 40.</i></p>	<p>• <b>Education and Training Levels Usually Required</b> were developed by the Bureau of Labor Statistics and grouped into eleven levels (1-11).</p> <p><b>*NOTE</b></p> <p><i>The various levels are described in detail on page 33 of this report.</i></p>

# Pennyrile Area

## Management Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>00-0000 Total, All Occupations</b>		<b>85,330</b>	<b>94,463</b>	<b>9,133</b>	<b>10.7</b>	<b>913</b>	<b>2,032</b>	<b>2,945</b>	<b>n/a</b>	<b>n/a</b>
<b>11-0000 Management Occupations</b>		<b>8,294</b>	<b>8,403</b>	<b>109</b>	<b>1.3</b>	<b>11</b>	<b>124</b>	<b>135</b>	<b>n/a</b>	<b>n/a</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>1,534</b>	<b>1,680</b>	<b>146</b>	<b>9.5</b>	<b>15</b>	<b>29</b>	<b>44</b>	<b>n/a</b>	<b>n/a</b>
11-1011	Chief Executives	204	226	22	10.8	2	6	8	\$42.57	4
11-1021	General and Operations Managers	1,330	1,454	124	9.3	12	22	34	\$26.91	4
<b>11-2000</b>	<b>Adv., Marketing, Promo., PR &amp; Sales</b>	<b>176</b>	<b>202</b>	<b>26</b>	<b>14.8</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>n/a</b>	<b>n/a</b>
11-2011	Advertising and Promotions Managers	*	*	*	*	*	*	*	\$21.34	4
11-2020	Marketing and Sales Managers	148	169	21	14.2	2	2	4	n/a	n/a
11-2021	Marketing Managers	52	57	5	9.6	1	1	2	\$31.31	4
11-2022	Sales Managers	96	112	16	16.7	2	1	3	\$29.46	4
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>679</b>	<b>745</b>	<b>66</b>	<b>9.7</b>	<b>7</b>	<b>12</b>	<b>19</b>	<b>n/a</b>	<b>n/a</b>
11-3011	Administrative Services Managers	78	99	21	26.9	2	1	3	\$22.04	4
11-3021	Computer & Information Systems Manag.	48	56	8	16.7	1	1	2	\$25.97	4
11-3031	Financial Managers	199	233	34	17.1	3	3	6	\$24.89	4
11-3040	Human Resources Managers	102	99	-3	-2.9	0	2	2	\$25.57	4
11-3051	Industrial Production Managers	127	130	3	2.4	0	2	2	\$32.18	5
11-3061	Purchasing Managers	65	58	-7	-10.8	0	2	2	\$21.36	4
11-3071	Transp., Storage & Distribution Manag.	60	70	10	16.7	1	1	2	\$24.16	8
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>5,905</b>	<b>5,776</b>	<b>-129</b>	<b>-2.2</b>	<b>0</b>	<b>81</b>	<b>81</b>	<b>n/a</b>	<b>n/a</b>
11-9010	Agricultural Managers	2,030	1,562	-468	-23.1	0	12	12	n/a	n/a
11-9012	Farmers and Ranchers	2,010	1,544	-466	-23.2	0	12	12	n/a	9
11-9021	Construction Managers	82	105	23	28.0	2	1	3	\$23.46	5
11-9030	Education Administrators	200	241	41	20.5	4	5	9	n/a	4
11-9031	Education Admin., Presch. & Child Care	*	*	*	*	*	*	*	\$16.05	4
11-9032	Education Admin., Elem. & Second.	154	170	16	10.4	2	4	6	n/a	4
11-9033	Education Admin., Postsecondary	*	*	*	*	*	*	*	\$28.15	4
11-9041	Engineering Managers	72	72	0	0.0	0	1	1	\$35.69	4
11-9051	Food Service Managers	227	275	48	21.1	5	3	8	\$16.01	8
11-9061	Funeral Directors	32	39	7	21.9	1	1	2	\$15.74	6
11-9081	Lodging Managers	*	*	*	*	*	*	*	\$12.11	8
11-9111	Medical and Health Services Managers	160	196	36	22.5	4	3	7	\$24.38	4
11-9131	Postmasters and Mail Superintendents	150	120	-30	-20.0	0	3	3	\$20.92	8
11-9141	Real Estate & Community Assn. Manag.	*	*	*	*	*	*	*	\$15.13	5
11-9151	Social & Community Service Managers	102	117	15	14.7	2	2	4	\$16.73	5
11-9199	Managers, All Other	2,805	3,007	202	7.2	20	50	70	\$26.56	8

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Business & Financial Operations Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>13-0000</b>	<b>Business &amp; Financial Operations Occs.</b>	<b>1,617</b>	<b>1,579</b>	<b>-38</b>	<b>-2.4</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>n/a</b>	<b>n/a</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>1,096</b>	<b>1,066</b>	<b>-30</b>	<b>-2.7</b>	<b>0</b>	<b>25</b>	<b>25</b>	<b>n/a</b>	<b>n/a</b>
13-1020	Buyers and Purchasing Agents	160	161	1	0.6	0	4	4	n/a	n/a
13-1021	Purchasing Agents & Buyers, Farm Prod.	*	*	*	*	*	*	*	\$15.50	8
13-1022	Wholesale and Retail Buyers, Except Farm	40	30	-10	-25.0	0	1	1	\$14.18	5
13-1023	Purch. Agents, Ex. Wholesale & Retail	106	117	11	10.4	1	2	3	\$18.08	5
13-1030	Claims Adj., Appraise., Examin. & Invest.	*	*	*	*	*	*	*	n/a	n/a
13-1041	Compliance Officer, Ex. Ag. & Const.	139	134	-5	-3.6	0	4	4	\$20.77	9
13-1051	Cost Estimators	67	81	14	20.9	1	2	3	\$21.49	5
13-1070	Human Res., Training & Labor Relat. Spec.	231	254	23	10.0	2	4	6	n/a	n/a
13-1071	Employment, Recruit. & Placement Spec.	126	151	25	19.8	3	2	5	\$12.15	5
13-1072	Comp., Benefits & Job Analysis Spec.	43	39	-4	-9.3	0	1	1	\$16.33	5
13-1073	Training and Development Specialists	62	64	2	3.2	0	1	1	\$19.52	5
13-1199	Business Operations Specialists, All Other	462	398	-64	-13.9	0	12	12	\$24.31	5
<b>13-2000</b>	<b>Financial Specialists</b>	<b>521</b>	<b>513</b>	<b>-8</b>	<b>-1.5</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>n/a</b>	<b>n/a</b>
13-2011	Accountants and Auditors	224	240	16	7.1	2	3	5	\$20.35	5
13-2041	Credit Analysts	*	*	*	*	*	*	*	\$19.90	5
13-2072	Loan Officers	86	73	-13	-15.1	0	2	2	\$19.90	5
13-2080	Tax Examin., Collect., Preparer & Revenue	71	70	-1	-1.4	0	2	2	n/a	n/a
13-2081	Tax Examiners, Collect. & Revenue Agents	40	40	0	0.0	0	1	1	n/a	5
13-2099	Financial Specialists, All Other	*	*	*	*	*	*	*	\$17.70	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Computer & Mathematical Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>341</b>	<b>470</b>	<b>129</b>	<b>37.8</b>	<b>13</b>	<b>3</b>	<b>16</b>	<b>n/a</b>	<b>n/a</b>
<b>15-1000</b>	<b>Computer Specialists</b>	<b>340</b>	<b>469</b>	<b>129</b>	<b>37.9</b>	<b>13</b>	<b>3</b>	<b>16</b>	<b>n/a</b>	<b>n/a</b>
15-1021	Computer Programmers	32	27	-5	-15.6	0	1	1	\$25.22	5
15-1031	Computer Software Engineers, Applications	*	*	*	*	*	*	*	\$21.25	5
15-1041	Computer Support Specialists	45	77	32	71.1	3	0	3	\$16.16	6
15-1051	Computer Systems Analysts	89	118	29	32.6	3	1	4	\$26.82	5
15-1061	Database Administrators	*	*	*	*	*	*	*	\$20.26	5
15-1070	Network & Computer Systems Admin.	50	79	29	58.0	3	0	3	n/a	n/a
15-1071	Network & Computer Systems Admin.	50	79	29	58.0	3	0	3	\$18.35	5
15-1090	Miscellaneous Computer Specialists	74	80	6	8.1	1	1	2	n/a	n/a
15-1099	Computer Specialists, All Other	74	80	6	8.1	1	1	2	\$13.49	7
<b>15-2000</b>	<b>Mathematical Scientists</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Architecture & Engineering Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>17-0000</b>	<b>Architecture and Engineering Occs.</b>	<b>962</b>	<b>1,095</b>	<b>133</b>	<b>13.8</b>	<b>13</b>	<b>21</b>	<b>34</b>	<b>n/a</b>	<b>n/a</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>39</b>	<b>51</b>	<b>12</b>	<b>30.8</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
17-1022	Surveyors	*	*	*	*	*	*	*	\$19.05	5
<b>17-2000</b>	<b>Engineers</b>	<b>441</b>	<b>464</b>	<b>23</b>	<b>5.2</b>	<b>2</b>	<b>9</b>	<b>11</b>	<b>n/a</b>	<b>n/a</b>
17-2051	Civil Engineers	71	78	7	9.9	1	1	2	\$31.25	5
17-2070	Electrical and Electronics Engineers	42	57	15	35.7	2	1	3	n/a	n/a
17-2071	Electrical Engineers	39	55	16	41.0	2	1	3	\$31.73	5
17-2111	Health & Safety Eng., Ex. Mining Safety	*	*	*	*	*	*	*	\$26.45	5
17-2141	Mechanical Engineers	66	89	23	34.8	2	2	4	\$26.60	5
17-2199	Engineers, All Other	52	43	-9	-17.3	0	1	1	\$33.37	5
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Tech.</b>	<b>482</b>	<b>580</b>	<b>98</b>	<b>20.3</b>	<b>10</b>	<b>12</b>	<b>22</b>	<b>n/a</b>	<b>n/a</b>
17-3010	Drafters	185	295	110	59.5	11	6	17	n/a	n/a
17-3011	Architectural and Civil Drafters	112	166	54	48.2	5	3	8	\$15.53	7
17-3020	Engineering Technicians, Except Drafters	228	206	-22	-9.6	0	5	5	n/a	n/a
17-3023	Electrical & Electronic Engineering Tech.	80	69	-11	-13.8	0	2	2	\$19.59	6
17-3024	Electro-Mechanical Technicians	48	43	-5	-10.4	0	1	1	\$16.51	6
17-3027	Mechanical Engineering Technicians	*	*	*	*	*	*	*	\$19.09	6
17-3031	Surveying and Mapping Technicians	36	49	13	36.1	1	1	2	\$18.25	10
17-3099	Drafters, Eng. & Mapping Tech., All Other	33	30	-3	-9.1	0	1	1	\$17.75	6

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch



# Pennyrile Area

## Life, Physical & Social Science Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>19-0000</b>	<b>Life, Physical, and Social Science Occs.</b>	<b>357</b>	<b>339</b>	<b>-18</b>	<b>-5.0</b>	<b>0</b>	<b>11</b>	<b>11</b>	<b>n/a</b>	<b>n/a</b>
<b>19-1000</b>	<b>Life Scientists</b>	<b>107</b>	<b>100</b>	<b>-7</b>	<b>-6.5</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
19-1030	Conservation Scientists and Foresters	62	57	-5	-8.1	0	3	3	n/a	n/a
19-1031	Conservation Scientists	34	30	-4	-11.8	0	1	1	\$24.74	5
19-1099	Life Scientists, All Other	*	*	*	*	*	*	*	\$29.08	5
<b>19-2000</b>	<b>Physical Scientists</b>	<b>33</b>	<b>34</b>	<b>1</b>	<b>3.0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>
19-2031	Chemists	*	*	*	*	*	*	*	\$23.03	5
19-2041	Environmental Sci. & Spec., Inc. Health	*	*	*	*	*	*	*	\$21.76	5
<b>19-3000</b>	<b>Social Scientists and Related Workers</b>	<b>97</b>	<b>99</b>	<b>2</b>	<b>2.1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
19-3021	Market Research Analysts	*	*	*	*	*	*	*	\$13.69	5
19-3030	Psychologists	53	55	2	3.8	0	1	1	n/a	n/a
19-3031	Clinical, Counseling & School Psych.	53	55	2	3.8	0	1	1	\$18.32	3
19-3099	Social Sci. & Related Workers, All Other	*	*	*	*	*	*	*	\$22.99	3
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Tech.</b>	<b>120</b>	<b>106</b>	<b>-14</b>	<b>-11.7</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
19-4090	Misc. Life, Physical & Social Science Tech.	91	76	-15	-16.5	0	3	3	n/a	n/a
19-4093	Forest and Conservation Technicians	52	44	-8	-15.4	0	2	2	\$14.91	6

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Community & Social Service Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>21-0000</b>	<b>Community and Social Services Occs.</b>	<b>1,448</b>	<b>1,735</b>	<b>287</b>	<b>19.8</b>	<b>29</b>	<b>27</b>	<b>56</b>	<b>n/a</b>	<b>n/a</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Others</b>	<b>894</b>	<b>1,086</b>	<b>192</b>	<b>21.5</b>	<b>19</b>	<b>13</b>	<b>32</b>	<b>n/a</b>	<b>n/a</b>
21-1010	Counselors	201	241	40	19.9	4	4	8	n/a	n/a
21-1012	Educational, Voc. & School Counselors	126	159	33	26.2	3	3	6	\$20.21	3
21-1015	Rehabilitation Counselors	*	*	*	*	*	*	*	\$16.11	3
21-1020	Social Workers	477	565	88	18.4	9	5	14	n/a	n/a
21-1022	Medical and Public Health Social Workers	146	191	45	30.8	5	2	7	\$16.97	5
21-1090	Misc. Community & Social Service Spec.	216	280	64	29.6	6	3	9	n/a	n/a
21-1091	Health Educators	*	*	*	*	*	*	*	\$13.81	3
<b>21-2000</b>	<b>Religious Workers</b>	<b>516</b>	<b>607</b>	<b>91</b>	<b>17.6</b>	<b>9</b>	<b>13</b>	<b>22</b>	<b>n/a</b>	<b>n/a</b>
21-2021	Directors, Religious Activities & Education	65	77	12	18.5	1	1	2	n/a	5
<b>21-9000</b>	<b>Misc. Counselors, Social, &amp; Religious</b>	<b>38</b>	<b>42</b>	<b>4</b>	<b>10.5</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>
21-9099	Couns., Social & Rel. Worker, All Other	38	42	4	10.5	0	1	1	\$12.96	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Legal Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
23-0000	Legal Occupations	248	317	69	27.8	7	2	9	n/a	n/a
23-1000	Lawyers, Judges & Related Workers	122	159	37	30.3	4	1	5	n/a	n/a
23-1011	Lawyers	109	147	38	34.9	4	1	5	\$17.70	1
23-2000	Legal Support Workers	89	121	32	36.0	3	1	4	n/a	n/a
23-2011	Paralegals and Legal Assistants	77	112	35	45.5	4	1	5	\$12.38	6
23-9000	Misc. Legal & Related Workers	37	37	0	0.0	0	0	0	n/a	n/a
23-9099	Legal & Related Workers, All Other	37	37	0	0.0	0	0	0	\$13.75	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Education, Training & Library Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>25-0000</b>	<b>Education, Training &amp; Library Occs.</b>	<b>4,968</b>	<b>5,901</b>	<b>933</b>	<b>18.8</b>	<b>93</b>	<b>100</b>	<b>193</b>	<b>n/a</b>	<b>n/a</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>514</b>	<b>660</b>	<b>146</b>	<b>28.4</b>	<b>15</b>	<b>14</b>	<b>29</b>	<b>n/a</b>	<b>n/a</b>
25-1020	Math & Computer Teachers, Postsec.	33	40	7	21.2	1	1	2	n/a	n/a
25-1070	Health Teachers, Postsecondary	95	128	33	34.7	3	3	6	n/a	n/a
25-1120	Arts, Comm. & Humanities Teach, Postsec.	31	37	6	19.4	1	1	2	n/a	n/a
25-1190	Miscellaneous Postsecondary Teachers	307	396	89	29.0	9	8	17	n/a	n/a
25-1194	Vocational Ed. Teachers, Postsecondary	138	198	60	43.5	6	4	10	\$18.56	8
<b>25-2000</b>	<b>Primary, Sec. &amp; Special Ed. Teachers</b>	<b>2,491</b>	<b>2,948</b>	<b>457</b>	<b>18.3</b>	<b>46</b>	<b>55</b>	<b>101</b>	<b>n/a</b>	<b>n/a</b>
25-2010	Preschool and Kindergarten Teachers	297	458	161	54.2	16	4	20	n/a	n/a
25-2011	Preschool Teachers, Ex. Special Ed.	234	388	154	65.8	15	3	18	\$9.60	5
25-2012	Kindergarten Teachers, Ex. Special Ed. #	63	70	7	11.1	1	1	2	\$22.67	5
25-2020	Elementary and Middle School Teachers	1,332	1,462	130	9.8	13	30	43	n/a	n/a
25-2021	Elem. School Teachers, Ex. Special Ed. #	935	1,035	100	10.7	10	21	31	\$23.78	5
25-2022	Middle Sch. Teach, Ex. Special, Voc. Ed. #	397	427	30	7.6	3	9	12	\$23.01	5
25-2030	Secondary School Teachers	571	659	88	15.4	9	17	26	n/a	n/a
25-2031	Sec. School Teach, Ex. Special, Voc. Ed. #	510	592	82	16.1	8	16	24	\$25.08	5
25-2032	Vocational Ed. Teachers, Sec. School #	61	67	6	9.8	1	2	3	\$24.68	5
25-2040	Special Education Teachers	291	369	78	26.8	8	4	12	n/a	n/a
25-2041	Special Ed. Teach, Preschool to Elem. #	126	168	42	33.3	4	2	6	\$22.77	5
25-2042	Special Ed. Teachers, Middle School #	82	100	18	22.0	2	1	3	\$21.73	5
25-2043	Special Ed. Teachers, Secondary School #	83	101	18	21.7	2	1	3	\$23.45	5
<b>25-3000</b>	<b>Other Teachers and Instructors</b>	<b>812</b>	<b>893</b>	<b>81</b>	<b>10.0</b>	<b>8</b>	<b>8</b>	<b>16</b>	<b>n/a</b>	<b>n/a</b>
25-3011	Adult Lit., Remedial Ed. & GED Teachers	31	42	11	35.5	1	0	1	\$12.80	5
25-3021	Self-Enrichment Education Teachers	81	100	19	23.5	2	1	3	\$12.62	8
25-3090	Miscellaneous Teachers and Instructors	700	751	51	7.3	5	7	12	n/a	n/a
25-3999	Teachers and Instructors, All Other #	700	751	51	7.3	5	7	12	\$14.32	5
<b>25-4000</b>	<b>Librarians, Curators, and Archivists</b>	<b>106</b>	<b>112</b>	<b>6</b>	<b>5.7</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
25-4021	Librarians	80	81	1	1.3	0	2	2	\$21.16	3
<b>25-9000</b>	<b>Other Ed., Training &amp; Library Occs</b>	<b>1,045</b>	<b>1,288</b>	<b>243</b>	<b>23.3</b>	<b>24</b>	<b>21</b>	<b>45</b>	<b>n/a</b>	<b>n/a</b>
25-9031	Instructional Coordinators	55	64	9	16.4	1	1	2	\$19.47	3
25-9041	Teacher Assistants #	870	1,115	245	28.2	25	18	43	\$11.88	11
25-9199	Lib., Museum, Train. & Other Ed. Workers	119	108	-11	-9.2	0	2	2	15.03	5

# Average hourly wages for teacher occupations were calculated by assuming the average working months per year was 9.5 and hours worked per week was 40.

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Arts, Design, Entertainment, Sports & Media Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>27-0000</b>	<b>Arts, Design, Ent., Sports &amp; Media Occs.</b>	<b>1,587</b>	<b>1,937</b>	<b>350</b>	<b>22.1</b>	<b>35</b>	<b>29</b>	<b>64</b>	<b>n/a</b>	<b>n/a</b>
<b>27-1000</b>	<b>Art and Design Workers</b>	<b>193</b>	<b>230</b>	<b>37</b>	<b>19.2</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
27-1020	Designers	182	218	36	19.8	4	2	6	n/a	n/a
27-1021	Commercial and Industrial Designers	*	*	*	*	*	*	*	\$14.55	5
27-1022	Fashion Designers	*	*	*	*	*	*	*	\$42.98	5
27-1023	Floral Designers	51	55	4	7.8	0	1	1	\$8.83	10
27-1025	Interior Designers	67	90	23	34.3	2	1	3	\$9.95	5
27-1026	Merch. Display & Window Trimmers	*	*	*	*	*	*	*	\$10.52	10
<b>27-2000</b>	<b>Ent. &amp; Performers, Sports &amp; Related</b>	<b>1,144</b>	<b>1,440</b>	<b>296</b>	<b>25.9</b>	<b>30</b>	<b>22</b>	<b>52</b>	<b>n/a</b>	<b>n/a</b>
27-2022	Coaches and Scouts	*	*	*	*	*	*	*	n/a	9
27-2040	Musicians, Singers, and Related Workers	1,127	1,419	292	25.9	29	21	50	n/a	n/a
27-2041	Music Directors and Composers	149	190	41	27.5	4	3	7	n/a	4
<b>27-3000</b>	<b>Media and Communication Workers</b>	<b>227</b>	<b>245</b>	<b>18</b>	<b>7.9</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>n/a</b>	<b>n/a</b>
27-3010	Announcers	66	68	2	3.0	0	1	1	\$9.08	9
27-3020	News Analysts, Report. & Correspondents	36	31	-5	-13.9	0	1	1	\$9.50	9
27-3031	Public Relations Specialists	43	51	8	18.6	1	1	2	\$16.27	5
27-3040	Writers and Editors	69	84	15	21.7	2	2	4	n/a	n/a
<b>27-4000</b>	<b>Media &amp; Comm. Equipment Workers</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>
27-4021	Photographers	*	*	*	*	*	*	*	\$7.16	9

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Healthcare Practitioners and Technical Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total	2001	
29-0000	Healthcare Practitioners & Tech. Occs.	4,044	4,664	620	15.3	62	90	152	n/a	n/a
29-1000	Health Diag. & Treating Practitioners	2,314	2,720	406	17.5	41	49	90	n/a	n/a
29-1020	Dentists	44	47	3	6.8	0	1	1	n/a	1
29-1031	Dietitians and Nutritionists	*	*	*	*	*	*	*	\$20.84	5
29-1051	Pharmacists	182	219	37	20.3	4	6	10	\$35.18	1
29-1060	Physicians and Surgeons	88	102	14	15.9	1	1	2	n/a	1
29-1069	Physicians and Surgeons, All Other	*	*	*	*	*	*	*	\$57.04	1
29-1111	Registered Nurses	1,591	1,861	270	17.0	27	32	59	\$18.35	6
29-1120	Therapists	281	343	62	22.1	6	7	13	n/a	n/a
29-1122	Occupational Therapists	*	*	*	*	*	*	*	\$32.02	5
29-1123	Physical Therapists	65	79	14	21.5	1	2	3	\$28.38	3
29-1125	Recreational Therapists	*	*	*	*	*	*	*	\$11.32	5
29-1126	Respiratory Therapists	73	88	15	20.5	2	2	4	\$16.34	6
29-1127	Speech-Language Pathologists	82	106	24	29.3	2	2	4	\$20.08	3
29-1199	Health Diag. & Treating Pract., All Other	41	54	13	31.7	1	1	2	\$63.61	1
29-2000	Health Technologists and Technicians	1,554	1,765	211	13.6	21	38	59	n/a	n/a
29-2010	Clinical Laboratory Technologists & Tech.	184	196	12	6.5	1	4	5	n/a	n/a
29-2011	Medical & Clinical Laboratory Tech.	109	130	21	19.3	2	3	5	\$15.83	5
29-2012	Medical and Clinical Laboratory Tech.	75	66	-9	-12.0	0	2	2	\$14.06	6
29-2021	Dental Hygienists	59	73	14	23.7	1	1	2	\$22.39	6
29-2030	Diagnostic Related Technologists & Tech.	216	238	22	10.2	2	5	7	n/a	n/a
29-2031	Cardiovascular Technologists & Tech.	38	48	10	26.3	1	1	2	\$15.01	6
29-2033	Nuclear Medicine Technologists	38	49	11	28.9	1	1	2	\$18.46	6
29-2034	Radiologic Technologists and Technicians	126	127	1	0.8	0	3	3	\$16.26	6
29-2041	EMT & Paramedics	111	146	35	31.5	4	3	7	\$10.09	7
29-2050	Health Diag & Treating Pract. Support Tech.	339	435	96	28.3	10	9	19	n/a	n/a
29-2052	Pharmacy Technicians	176	229	53	30.1	5	5	10	\$9.84	10
29-2054	Respiratory Therapy Technicians	74	83	9	12.2	1	2	3	\$13.60	7
29-2055	Surgical Technologists	69	101	32	46.4	3	2	5	\$13.07	7
29-2061	Licensed Pract. & Licensed Voc. Nurses	541	544	3	0.6	0	14	14	\$12.68	7
29-2071	Medical Records & Health Inf. Technicians	87	107	20	23.0	2	2	4	\$12.04	6
29-9000	Other Healthcare Pract. & Tech. Occs	176	179	3	1.7	0	3	3	n/a	n/a
29-9010	Occ. Health & Safety Spec. and Tech.	96	88	-8	-8.3	0	3	3	\$25.13	5
29-9090	Misc. Health Practitioners & Tech. Workers	80	91	11	13.8	1	0	1	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Healthcare Support Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>2,391</b>	<b>2,775</b>	<b>384</b>	<b>16.1</b>	<b>38</b>	<b>37</b>	<b>75</b>	<b>n/a</b>	<b>n/a</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>1,808</b>	<b>2,106</b>	<b>298</b>	<b>16.5</b>	<b>30</b>	<b>23</b>	<b>53</b>	<b>n/a</b>	<b>n/a</b>
31-1010	Nursing, Psych. & Home Health Aides	1,808	2,106	298	16.5	30	23	53	n/a	n/a
31-1011	Home Health Aides	316	434	118	37.3	12	4	16	\$8.19	11
31-1012	Nursing Aides, Orderlies & Attendants	1,453	1,637	184	12.7	18	19	37	\$7.63	11
<b>31-2000</b>	<b>Occ. &amp; Physical Therapist Assist.</b>	<b>54</b>	<b>63</b>	<b>9</b>	<b>16.7</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
31-2020	Physical Therapist Assistants and Aides	43	51	8	18.6	1	1	2	n/a	n/a
31-2021	Physical Therapist Assistants	*	*	*	*	*	*	*	\$18.33	6
31-2022	Physical Therapist Aides	*	*	*	*	*	*	*	\$9.19	11
<b>31-9000</b>	<b>Other Healthcare Support Occs</b>	<b>529</b>	<b>606</b>	<b>77</b>	<b>14.6</b>	<b>8</b>	<b>13</b>	<b>21</b>	<b>n/a</b>	<b>n/a</b>
31-9090	Misc. Healthcare Support Occupations	526	602	76	14.4	8	13	21	n/a	n/a
31-9091	Dental Assistants	165	189	24	14.5	2	3	5	\$12.30	10
31-9092	Medical Assistants	95	135	40	42.1	4	3	7	\$11.44	10
31-9094	Medical Transcriptionists	50	52	2	4.0	0	1	1	\$10.96	7
31-9095	Pharmacy Aides	59	69	10	16.9	1	2	3	\$7.59	11
31-9096	Vet. Assist. & Lab. Animal Caretakers	*	*	*	*	*	*	*	\$7.33	11
31-9099	Healthcare Support Workers, All Other	109	106	-3	-2.8	0	3	3	\$9.79	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Protective Service Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>1,995</b>	<b>2,425</b>	<b>430</b>	<b>21.6</b>	<b>43</b>	<b>55</b>	<b>98</b>	<b>n/a</b>	<b>n/a</b>
<b>33-1000</b>	<b>Supervisors, Protective Serv. Workers</b>	<b>259</b>	<b>299</b>	<b>40</b>	<b>15.4</b>	<b>4</b>	<b>7</b>	<b>11</b>	<b>n/a</b>	<b>n/a</b>
33-1010	Supervisors, Law Enforcement Workers	155	187	32	20.6	3	3	6	n/a	n/a
33-1021	Supervisors of Fire Fighting	65	71	6	9.2	1	2	3	\$16.34	8
33-1099	Supervisors, Protective Serv. Work., Other	39	41	2	5.1	0	1	1	\$11.15	8
<b>33-2000</b>	<b>Fire Fighting and Prevention Workers</b>	<b>177</b>	<b>193</b>	<b>16</b>	<b>9.0</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>n/a</b>	<b>n/a</b>
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>859</b>	<b>1,092</b>	<b>233</b>	<b>27.1</b>	<b>23</b>	<b>20</b>	<b>43</b>	<b>n/a</b>	<b>n/a</b>
33-3010	Bailiffs, Correctional Officers, and Jailers	655	835	180	27.5	18	16	34	n/a	n/a
33-3012	Correctional Officers and Jailers	642	818	176	27.4	18	16	34	\$9.08	10
33-3021	Detectives and Criminal Investigators	*	*	*	*	*	*	*	\$15.38	8
33-3050	Police Officers	182	232	50	27.5	5	4	9	n/a	n/a
33-3051	Police and Sheriff's Patrol Officers	181	231	50	27.6	5	4	9	\$14.39	9
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>700</b>	<b>841</b>	<b>141</b>	<b>20.1</b>	<b>14</b>	<b>23</b>	<b>37</b>	<b>n/a</b>	<b>n/a</b>
33-9032	Security Guards	596	700	104	17.4	10	16	26	\$6.86	11
33-9090	Miscellaneous Protective Service Workers	87	117	30	34.5	3	6	9	n/a	n/a
33-9099	Protective Service Workers, All Other	78	107	29	37.2	3	6	9	\$8.74	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch



# Pennyrile Area

## Food Prep. & Serving Related Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>35-0000</b>	<b>Food Prep. &amp; Serving Related Occs.</b>	<b>5,711</b>	<b>6,717</b>	<b>1,006</b>	<b>17.6</b>	<b>101</b>	<b>242</b>	<b>343</b>	<b>n/a</b>	<b>n/a</b>
<b>35-1010</b>	<b>Supervisors, Food Prep. and Serving</b>	<b>506</b>	<b>583</b>	<b>77</b>	<b>15.2</b>	<b>8</b>	<b>13</b>	<b>21</b>	<b>n/a</b>	<b>n/a</b>
35-1011	Chefs and Head Cooks	107	128	21	19.6	2	3	5	\$8.74	7
35-1012	Supervisors of Food Prep. and Serving	399	455	56	14.0	6	10	16	\$10.43	8
<b>35-2000</b>	<b>Cooks and Food Preparation Workers</b>	<b>2,257</b>	<b>2,476</b>	<b>219</b>	<b>9.7</b>	<b>22</b>	<b>70</b>	<b>92</b>	<b>n/a</b>	<b>n/a</b>
35-2010	Cooks	1,714	1,833	119	6.9	12	49	61	n/a	n/a
35-2011	Cooks, Fast Food	388	405	17	4.4	2	11	13	\$6.04	11
35-2012	Cooks, Institution and Cafeteria	648	644	-4	-0.6	0	18	18	\$8.39	9
35-2014	Cooks, Restaurant	182	234	52	28.6	5	5	10	\$7.45	9
35-2015	Cooks, Short Order	493	547	54	11.0	5	14	19	\$6.57	11
35-2021	Food Preparation Workers	543	643	100	18.4	10	21	31	\$7.06	11
<b>35-3000</b>	<b>Food and Beverage Serving Workers</b>	<b>2,250</b>	<b>2,970</b>	<b>720</b>	<b>32.0</b>	<b>72</b>	<b>133</b>	<b>205</b>	<b>n/a</b>	<b>n/a</b>
35-3011	Bartenders	57	60	3	5.3	0	2	2	\$6.72	11
35-3020	Fast Food and Counter Workers	1,362	1,878	516	37.9	52	85	137	n/a	n/a
35-3021	Comb. Food Prep. & Serving Inc. Fast Food	1,268	1,762	494	39.0	49	78	127	\$6.17	11
35-3022	Counter Attend, Cafeteria, Food Conces.	94	116	22	23.4	2	7	9	\$6.16	11
35-3031	Waiters and Waitresses	781	977	196	25.1	20	44	64	\$6.38	11
35-3041	Food Servers, Nonrestaurant	50	55	5	10.0	1	2	3	\$6.31	11
<b>35-9000</b>	<b>Other Food Prep. &amp; Serving Rel. Work.</b>	<b>698</b>	<b>688</b>	<b>-10</b>	<b>-1.4</b>	<b>0</b>	<b>25</b>	<b>25</b>	<b>n/a</b>	<b>n/a</b>
35-9011	Dining Rm., Cafeteria Attend, Bartend. Help.	101	96	-5	-5.0	0	3	3	\$7.16	11
35-9021	Dishwashers	456	430	-26	-5.7	0	17	17	\$6.54	11
35-9031	Hosts & Hostesses, Restaurant, Lounge	112	138	26	23.2	3	3	6	\$7.04	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Building, Grounds Cleaning & Maintenance Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>37-0000</b>	<b>Build., Grounds Cleaning &amp; Maint. Occs</b>	<b>3,464</b>	<b>3,948</b>	<b>484</b>	<b>14.0</b>	<b>48</b>	<b>71</b>	<b>119</b>	<b>n/a</b>	<b>n/a</b>
<b>37-1000</b>	<b>Supervisor, Build. &amp; Grounds Cleaning</b>	<b>199</b>	<b>220</b>	<b>21</b>	<b>10.6</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
37-1010	Supervisors, Building & Grounds Cleaning	199	220	21	10.6	2	4	6	n/a	n/a
37-1011	Supervisors, Housekeeping & Janitorial	150	166	16	10.7	2	4	6	\$10.51	8
37-1012	Supervisors, Landscaping, Lawn Service	49	54	5	10.2	1	0	1	\$13.09	8
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control</b>	<b>2,842</b>	<b>3,235</b>	<b>393</b>	<b>13.8</b>	<b>39</b>	<b>56</b>	<b>95</b>	<b>n/a</b>	<b>n/a</b>
37-2010	Building Cleaning Workers	2,794	3,178	384	13.7	38	55	93	n/a	n/a
37-2011	Janitors & Cleaners	1,571	1,826	255	16.2	26	29	55	\$7.87	11
37-2012	Maids and Housekeeping Cleaners	1,223	1,352	129	10.5	13	27	40	\$6.96	11
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>381</b>	<b>445</b>	<b>64</b>	<b>16.8</b>	<b>6</b>	<b>10</b>	<b>16</b>	<b>n/a</b>	<b>n/a</b>
37-3010	Grounds Maintenance Workers	381	445	64	16.8	6	10	16	n/a	n/a
37-3011	Landscaping & Grounds. Workers	290	347	57	19.7	6	7	13	\$8.94	11
37-3012	Pesticide Handler, Sprayers & Applicators	43	50	7	16.3	1	1	2	\$9.05	10
<b>37-9000</b>	<b>Misc. Build., Grounds Clean. &amp; Maint.</b>	<b>42</b>	<b>48</b>	<b>6</b>	<b>14.3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
37-9099	Build. & Grounds Clean. and Maint., Other	42	48	6	14.3	1	1	2	\$10.52	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Personal Care & Service Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>4,114</b>	<b>4,850</b>	<b>736</b>	<b>17.9</b>	<b>74</b>	<b>143</b>	<b>217</b>	<b>n/a</b>	<b>n/a</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Serv.</b>	*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
39-1021	Supervisors of Personal Service Workers	*	*	*	*	*	*	*	\$10.87	8
<b>39-2000</b>	<b>Gaming Occupations</b>	<b>65</b>	<b>75</b>	<b>10</b>	<b>15.4</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
39-2021	Nonfarm Animal Caretakers	65	75	10	15.4	1	1	2	\$6.75	11
<b>39-3000</b>	<b>Entertainment Attend. &amp; Related</b>	<b>487</b>	<b>595</b>	<b>108</b>	<b>22.2</b>	<b>11</b>	<b>29</b>	<b>40</b>	<b>n/a</b>	<b>n/a</b>
39-3031	Ushers, Lobby Attendants & Ticket Takers	278	324	46	16.5	5	22	27	\$6.06	11
39-3090	Misc. Entertainment Attend. and Related	190	249	59	31.1	6	6	12	n/a	n/a
39-3091	Amusement and Recreation Attendants	157	208	51	32.5	5	5	10	\$6.43	11
<b>39-4000</b>	<b>Funeral Service Workers</b>	<b>77</b>	<b>99</b>	<b>22</b>	<b>28.6</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
39-4011	Embalmers	*	*	*	*	*	*	*	\$11.04	7
39-4021	Funeral Attendants	64	85	21	32.8	2	2	4	\$7.23	11
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>142</b>	<b>105</b>	<b>-37</b>	<b>-26.1</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
39-5010	Barbers and Cosmetologists	134	97	-37	-27.6	0	3	3	n/a	n/a
39-5012	Hairdressers, Stylists & Cosmetologists	129	93	-36	-27.9	0	3	3	\$9.31	7
39-5092	Manicurists and Pedicurists	*	*	*	*	*	*	*	\$7.67	7
<b>39-9000</b>	<b>Other Personal Care &amp; Service Worker</b>	<b>3,315</b>	<b>3,937</b>	<b>622</b>	<b>18.8</b>	<b>62</b>	<b>106</b>	<b>168</b>	<b>n/a</b>	<b>n/a</b>
39-9011	Child Care Workers	2,874	3,346	472	16.4	47	98	145	\$6.93	11
39-9030	Recreation and Fitness Workers	211	259	48	22.7	5	4	9	n/a	n/a
39-9031	Fitness Trainers and Aerobics Instructors	42	65	23	54.8	2	1	3	\$8.98	7
39-9032	Recreation Workers	169	194	25	14.8	3	4	7	\$8.48	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Sales and Related Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
41-0000	Sales and Related Occupations	6,708	7,906	1,198	17.9	120	233	353	n/a	n/a
41-1000	Supervisors, Sales Workers	935	1,074	139	14.9	14	14	28	n/a	n/a
41-1010	Supervisors, Sales Workers	935	1,074	139	14.9	14	14	28	n/a	n/a
41-1011	Supervisors of Retail Sales Workers	864	996	132	15.3	13	13	26	\$12.42	8
41-1012	Supervisors of Non-Retail Sales Workers	71	78	7	9.9	1	1	2	\$21.59	8
41-2000	Retail Sales Workers	4,606	5,539	933	20.3	93	191	284	n/a	n/a
41-2011	Cashiers	2,058	2,469	411	20.0	41	93	134	\$6.90	11
41-2020	Counter, Rental Clerks & Parts Sales.	487	702	215	44.1	22	20	42	n/a	n/a
41-2021	Counter and Rental Clerks	324	569	245	75.6	25	15	40	\$6.41	11
41-2022	Parts Salespersons	163	133	-30	-18.4	0	5	5	\$12.04	10
41-2031	Retail Salespersons	2,061	2,368	307	14.9	31	79	110	\$8.84	11
41-3000	Sales Representatives, Services	248	313	65	26.2	7	5	12	n/a	n/a
41-3011	Advertising Sales Agents	50	62	12	24.0	1	1	2	\$15.02	10
41-3021	Insurance Sales Agents	122	131	9	7.4	1	3	4	\$10.57	5
41-3099	Sales Reps., Services, All Other	*	*	*	*	*	*	*	\$15.96	10
41-4000	Sales Reps., Wholesale and Manuf.	526	531	5	1.0	1	14	15	n/a	n/a
41-4011	Sales Reps, Wholesale & Manuf., Tech.	70	68	-2	-2.9	0	2	2	\$21.16	10
41-4012	Sales Reps, Wholesale & Manuf., Ex. Tech	456	463	7	1.5	1	12	13	\$17.17	10
41-9000	Other Sales and Related Workers	393	449	56	14.2	6	9	15	n/a	n/a
41-9020	Real Estate Brokers and Sales Agents	44	56	12	27.3	1	1	2	n/a	n/a
41-9021	Real Estate Brokers	31	40	9	29.0	1	1	2	n/a	8
41-9022	Real Estate Sales Agents	*	*	*	*	*	*	*	\$11.99	7
41-9031	Sales Engineers	35	34	-1	-2.9	0	1	1	\$25.97	5
41-9041	Telemarketers	140	147	7	5.0	1	3	4	\$7.82	11
41-9090	Miscellaneous Sales and Related Workers	163	201	38	23.3	4	4	8	n/a	n/a
41-9099	Sales and Related Workers, All Other	110	137	27	24.5	3	2	5	\$12.51	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Office & Administrative Support Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010			Wage 2001	Training Req'd~
						Growth	Separations	Total		
<b>43-0000</b>	<b>Office and Administrative Support Occs</b>	<b>10,356</b>	<b>10,313</b>	<b>-43</b>	<b>-0.4</b>	<b>0</b>	<b>235</b>	<b>235</b>	<b>n/a</b>	<b>n/a</b>
<b>43-1000</b>	<b>Supervisors, Office &amp; Admin. Support</b>	<b>590</b>	<b>613</b>	<b>23</b>	<b>3.9</b>	<b>2</b>	<b>12</b>	<b>14</b>	<b>n/a</b>	<b>n/a</b>
43-1011	Supervisors of Office and Admin. Support	590	613	23	3.9	2	12	14	\$14.34	8
<b>43-2000</b>	<b>Communications Equip. Operators</b>	<b>66</b>	<b>50</b>	<b>-16</b>	<b>-24.2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
43-2011	Switchboard Ops, Inc. Answering Service	62	46	-16	-25.8	0	2	2	\$8.99	11
<b>43-3000</b>	<b>Financial Clerks</b>	<b>2,140</b>	<b>2,030</b>	<b>-110</b>	<b>-5.1</b>	<b>0</b>	<b>57</b>	<b>57</b>	<b>n/a</b>	<b>n/a</b>
43-3011	Bill and Account Collectors	95	106	11	11.6	1	2	3	\$10.68	11
43-3021	Billing, Posting Clerk & Machine Operator	427	444	17	4.0	2	10	12	\$10.00	11
43-3031	Bookkeeping, Account. & Auditing Clerks	997	975	-22	-2.2	0	19	19	\$11.70	10
43-3051	Payroll and Timekeeping Clerks	134	123	-11	-8.2	0	4	4	\$11.57	11
43-3061	Procurement Clerks	65	46	-19	-29.2	0	2	2	\$13.09	11
43-3071	Tellers	422	336	-86	-20.4	0	20	20	\$8.57	11
<b>43-4000</b>	<b>Information and Record Clerks</b>	<b>1,704</b>	<b>1,819</b>	<b>115</b>	<b>6.7</b>	<b>12</b>	<b>31</b>	<b>43</b>	<b>n/a</b>	<b>n/a</b>
43-4031	Court, Municipal, and License Clerks	*	*	*	*	*	*	*	\$10.31	11
43-4041	Credit Authorizers, Checkers, and Clerks	*	*	*	*	*	*	*	\$11.46	11
43-4051	Customer Service Representatives	437	519	82	18.8	8	4	12	\$11.14	10
43-4071	File Clerks	95	86	-9	-9.5	0	3	3	\$8.26	11
43-4081	Hotel, Motel, and Resort Desk Clerks	53	75	22	41.5	2	2	4	\$7.19	11
43-4111	Interviewers, Except Eligibility and Loan	65	74	9	13.8	1	1	2	\$8.79	11
43-4121	Library Assistants, Clerical	*	*	*	*	*	*	*	\$9.10	11
43-4131	Loan Interviewers and Clerks	71	43	-28	-39.4	0	1	1	\$11.46	11
43-4151	Order Clerks	140	114	-26	-18.6	0	3	3	\$11.20	11
43-4161	Human Res. Assist, Ex. Payroll & Timekeep	65	69	4	6.2	0	2	2	\$12.75	11
43-4171	Receptionists and Information Clerks	490	550	60	12.2	6	11	17	\$8.05	11
43-4999	Financial, Info & Record Clerks, All Other	170	155	-15	-8.8	0	2	2	\$14.02	11
<b>43-5000</b>	<b>Material Record, Schedule, Dispatch</b>	<b>2,718</b>	<b>2,431</b>	<b>-287</b>	<b>-10.6</b>	<b>0</b>	<b>77</b>	<b>77</b>	<b>n/a</b>	<b>n/a</b>
43-5021	Couriers and Messengers	*	*	*	*	*	*	*	\$7.25	11
43-5030	Dispatchers	83	99	16	19.3	2	1	3	n/a	n/a
43-5032	Dispatchers, Ex. Police, Fire & Ambulance	41	49	8	19.5	1	1	2	\$11.35	10
43-5041	Meter Readers, Utilities	99	80	-19	-19.2	0	2	2	\$13.10	11
43-5050	Postal Service Workers	1,052	841	-211	-20.1	0	30	30	n/a	n/a
43-5051	Postal Service Clerks	161	129	-32	-19.9	0	4	4	\$18.09	11
43-5052	Postal Service Mail Carriers	778	622	-156	-20.1	0	24	24	\$17.55	11
43-5053	Postal Service Mail Sorters, Processors	113	90	-23	-20.4	0	3	3	\$10.83	11
43-5061	Production, Planning & Expediting Clerks	102	121	19	18.6	2	2	4	\$16.44	11
43-5071	Shipping, Receiving, and Traffic Clerks	390	399	9	2.3	1	8	9	\$11.24	11
43-5081	Stock Clerks and Order Fillers	927	813	-114	-12.3	0	33	33	\$9.72	11
43-5111	Weigher, Measurer, Checker & Sampler	50	57	7	14.0	1	1	2	\$10.14	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Office & Administrative Support Occs. (cont'd)

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage	Educ/ Training
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total	2001	Req'd~
43-6000	Secretaries & Administrative Assist.	1,879	1,885	6	0.3	1	32	33	n/a	n/a
43-6011	Executive Secretaries & Admin. Assist	555	599	44	7.9	4	10	14	\$12.64	10
43-6012	Legal Secretaries	93	118	25	26.9	3	2	5	\$10.78	7
43-6013	Medical Secretaries	146	145	-1	-0.7	0	3	3	\$10.11	7
43-6014	Secretaries, Ex. Legal, Medical & Executive	1,085	1,023	-62	-5.7	0	19	19	\$9.63	10
43-9000	Other Office & Admin. Support Worker	1,259	1,485	226	18.0	23	24	47	n/a	n/a
43-9011	Computer Operators	56	36	-20	-35.7	0	1	1	\$12.23	10
43-9020	Data Entry & Info. Processing Workers	83	70	-13	-15.7	0	2	2	n/a	n/a
43-9021	Data Entry Keyers	48	41	-7	-14.6	0	1	1	\$9.53	10
43-9022	Word Processors and Typists	35	29	-6	-17.1	0	1	1	\$9.38	10
43-9031	Desktop Publishers	*	*	*	*	*	*	*	\$9.02	7
43-9051	Mail Clerks & Machine Ops, Ex. Postal Serv.	34	25	-9	-26.5	0	1	1	\$10.90	11
43-9061	Office Clerks, General	977	1,240	263	26.9	26	19	45	\$8.78	11
43-9071	Office Machine Ops, Except Computer	*	*	*	*	*	*	*	\$8.42	11
43-9999	Office & Admin. Support Worker, All Other	74	73	-1	-1.4	0	1	1	\$12.07	11

~ Education/Training Required Codes- Page 33      n/a - Not Available      \* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Farming, Fishing & Forestry Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	Average Annual Separations	Average Annual Total		
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occs</b>	<b>395</b>	<b>360</b>	<b>-35</b>	<b>-8.9</b>	<b>0</b>	<b>10</b>	<b>10</b>	<b>n/a</b>	<b>n/a</b>
<b>45-1000</b>	<b>Supervisors, Farm, Fish &amp; Forestry</b>	<b>68</b>	<b>64</b>	<b>-4</b>	<b>-5.9</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>
45-1011	Supervisors of Farm, Fish, and Forestry	68	64	-4	-5.9	0	1	1	\$13.83	10
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>163</b>	<b>147</b>	<b>-16</b>	<b>-9.8</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>n/a</b>	<b>n/a</b>
45-2011	Agricultural Inspectors	*	*	*	*	*	*	*	\$20.82	8
45-2090	Miscellaneous Agricultural Workers	115	104	-11	-9.6	0	4	4	n/a	n/a
45-2093	Farmworkers, Farm and Ranch Animals	74	65	-9	-12.2	0	3	3	\$8.60	10
<b>45-4000</b>	<b>Forest, Conservation &amp; Logging</b>	<b>155</b>	<b>139</b>	<b>-16</b>	<b>-10.3</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
45-4021	Fallers	60	53	-7	-11.7	0	1	1	\$10.76	10
45-4022	Logging Equipment Operators	92	83	-9	-9.8	0	2	2	\$8.81	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Construction & Extraction Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total		
47-0000	Construction and Extraction Occupations	3,790	4,152	362	9.6	36	77	113	n/a	n/a
47-1000	Supervisor, Const. & Extraction Worker	527	526	-1	-0.2	0	12	12	n/a	n/a
47-1011	Supervisors of Construction Trades	527	526	-1	-0.2	0	12	12	\$22.86	8
47-2000	Construction Trades Workers	2,585	2,922	337	13.0	34	44	78	n/a	n/a
47-2021	Brickmasons and Blockmasons	*	*	*	*	*	*	*	\$21.92	9
47-2031	Carpenters	502	584	82	16.3	8	9	17	\$14.27	9
47-2051	Cement Masons and Concrete Finishers	118	98	-20	-16.9	0	1	1	\$12.42	9
47-2061	Construction Laborers	420	480	60	14.3	6	4	10	\$11.71	10
47-2070	Construction Equipment Operators	431	426	-5	-1.2	0	9	9	n/a	n/a
47-2073	Op. Eng. & Other Construction Equip. Ops	397	391	-6	-1.5	0	9	9	\$14.19	10
47-2111	Electricians	507	585	78	15.4	8	10	18	\$18.93	9
47-2130	Insulation Workers	*	*	*	*	*	*	*	\$8.58	10
47-2141	Painters, Construction and Maintenance	97	140	43	44.3	4	2	6	\$12.58	10
47-2211	Sheet Metal Workers	31	36	5	16.1	1	1	2	\$14.79	10
47-3000	Helpers, Construction Trades	209	237	28	13.4	3	10	13	n/a	n/a
47-3012	Helpers--Carpenters	73	77	4	5.5	0	4	4	\$10.43	11
47-3015	Helper--Pipelayer, Fitter, Plumber, Steamfit.	*	*	*	*	*	*	*	\$10.71	11
47-4000	Other Construction & Related Workers	325	343	18	5.5	2	5	7	n/a	n/a
47-4011	Construction and Building Inspectors	44	61	17	38.6	2	1	3	\$17.61	8
47-4051	Highway Maintenance Workers	258	263	5	1.9	1	4	5	\$9.75	10
47-5000	Extraction Workers	144	124	-20	-13.9	0	5	5	n/a	n/a
47-5021	Earth Drillers, Except Oil and Gas	33	32	-1	-3.0	0	1	1	\$15.34	10
47-5081	Helpers--Extraction Workers	34	24	-10	-29.4	0	2	2	\$14.29	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch



# Pennyrile Area

## Installation, Maintenance & Repair Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010				
						Growth	Separations	Total	2001	
49-0000	Installation, Maint. & Repair Occs	4,740	4,956	216	4.6	22	104	126	n/a	n/a
49-1000	Supervisor, Install., Maint. & Repair	393	459	66	16.8	7	10	17	n/a	n/a
49-1011	Supervisors of Mechanics, Installers	393	459	66	16.8	7	10	17	\$19.56	8
49-2000	Electrical & Electronic Equip. Mechanic	212	199	-13	-6.1	0	4	4	n/a	n/a
49-2011	Computer, Auto. Teller & Machine Repairer	49	50	1	2.0	0	1	1	\$14.66	7
49-2090	Misc. Electrical and Electronic Equipment	113	110	-3	-2.7	0	2	2	n/a	n/a
49-2094	Electrical & Electronics Repair.	46	43	-3	-6.5	0	1	1	\$21.92	7
49-2097	Elec. Home Entertain. Equip. Install, Repair	*	*	*	*	*	*	*	\$12.80	7
49-3000	Vehicle & Mobile Equip. Mech, Install	1,249	1,310	61	4.9	6	31	37	n/a	n/a
49-3011	Aircraft Mech. & Service Technicians	*	*	*	*	*	*	*	\$23.43	7
49-3020	Automotive Technicians and Repairers	725	820	95	13.1	10	17	27	n/a	n/a
49-3021	Automotive Body and Related Repairers	127	149	22	17.3	2	3	5	\$12.72	9
49-3023	Automotive Service Tech. & Mechanics	598	671	73	12.2	7	14	21	\$10.07	7
49-3031	Bus & Truck Mech & Diesel Engine Spec.	178	180	2	1.1	0	5	5	\$12.78	7
49-3040	Heavy Vehicle & Mobile Equip. Serv. Tech.	243	210	-33	-13.6	0	6	6	n/a	n/a
49-3042	Mobile Heavy Equip. Mech., Ex. Engines	191	168	-23	-12.0	0	5	5	\$17.86	7
49-3051	Motorboat Mechanics	*	*	*	*	*	*	*	\$12.35	9
49-3093	Tire Repairers and Changers	56	51	-5	-8.9	0	2	2	\$6.07	11
49-9000	Other Install, Maint. & Repair Occs	2,886	2,988	102	3.5	10	59	69	n/a	n/a
49-9010	Control & Valve Installers and Repairers	65	73	8	12.3	1	2	3	n/a	n/a
49-9012	Control & Valve Install & Repair, Ex. Mech	57	63	6	10.5	1	2	3	\$16.24	10
49-9021	Heating, Air Cond.& Refrig. Mechanics	132	151	19	14.4	2	1	3	\$10.53	9
49-9040	Industrial Mach. Install, Repair, and Maint.	1,711	1,725	14	0.8	1	29	30	n/a	n/a
49-9041	Industrial Machinery Mechanics	203	306	103	50.7	10	6	16	\$17.78	9
49-9042	Maintenance and Repair Workers, General	1,271	1,189	-82	-6.5	0	17	17	\$14.59	9
49-9043	Maintenance Workers, Machinery	155	135	-20	-12.9	0	4	4	\$14.70	9
49-9044	Millwrights	81	94	13	16.0	1	3	4	\$20.75	9
49-9050	Line Installers and Repairers	209	326	117	56.0	12	7	19	n/a	n/a
49-9051	Elec. Power-Line Install and Repair	202	318	116	57.4	12	7	19	\$17.66	9
49-9060	Precision Inst. and Equip Repairers	132	111	-21	-15.9	0	3	3	n/a	n/a
49-9090	Misc. Install., Maint. and Repair Workers	635	599	-36	-5.7	0	17	17	n/a	n/a
49-9091	Coin, Vend. & Amusement Mach. Servicer	*	*	*	*	*	*	*	\$13.02	10
49-9098	Helpers--Install, Maint. & Repair Workers	125	149	24	19.2	2	6	8	\$11.69	11
49-9099	Install, Maint. and Repair Worker, All Other	438	371	-67	-15.3	0	9	9	\$19.82	9

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Production Occupations

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage	Educ/ Training
Code	Title	2000 Estimated	2010 Projected	2000-2010		Average Annual 2000-2010				
				Number	Percent	Growth	Separations	Total	2001	Req'd~
51-0000 Production Occupations		11,365	12,595	1,230	10.8	123	227	350	n/a	n/a
51-1000	Supervisors, Production Workers	589	626	37	6.3	4	15	19	n/a	n/a
51-1011	Supervisors of Production and Operating	589	626	37	6.3	4	15	19	\$18.49	8
51-2000	Assemblers and Fabricators	1,864	2,685	821	44.0	82	33	115	n/a	n/a
51-2090	Miscellaneous Assemblers & Fabricators	1,766	2,613	847	48.0	85	31	116	n/a	n/a
51-2092	Team Assemblers	1,489	2,285	796	53.5	80	26	106	\$12.07	10
51-2099	Assemblers and Fabricators, All Other	275	327	52	18.9	5	5	10	\$10.02	10
51-3000	Food Processing Workers	318	278	-40	-12.6	0	7	7	n/a	n/a
51-3020	Butchers, Meat, Poultry & Fish Process.	225	170	-55	-24.4	0	6	6	n/a	n/a
51-3021	Butchers and Meat Cutters	223	167	-56	-25.1	0	5	5	\$10.47	9
51-3023	Slaughterers and Meat Packers	*	*	*	*	*	*	*	\$6.21	10
51-4000	Metal Workers and Plastic Workers	3,319	3,781	462	13.9	46	72	118	n/a	n/a
51-4010	Computer Control Prog. and Operators	122	197	75	61.5	8	4	12	n/a	n/a
51-4011	Computer-Control Mach.Tool Ops	111	185	74	66.7	7	4	11	\$13.04	9
51-4020	Forming Mach Setter, Ops & Tenders	215	187	-28	-13.0	0	6	6	n/a	n/a
51-4021	Extruding, Drawing Mach. Setter, Operator	153	142	-11	-7.2	0	3	3	\$9.63	10
51-4030	Mach. Tool Cut Setter, Operator & Tender	378	381	3	0.8	0	9	9	n/a	n/a
51-4031	Cut, Punch & Press Machine Setter	275	298	23	8.4	2	5	7	\$11.73	10
51-4032	Drilling, Boring Machine Tool Setter	*	*	*	*	*	*	*	\$8.75	10
51-4033	Grind, Lap, Polish & Buffing Mach. Setter	33	33	0	0.0	0	1	1	\$11.23	10
51-4034	Lathe, Turning Mach. Setter, Operator	31	25	-6	-19.4	0	1	1	\$12.84	10
51-4041	Machinists	242	250	8	3.3	1	5	6	\$16.71	9
51-4050	Metal Furnace, Kiln Operators and Tender	47	62	15	31.9	2	1	3	n/a	n/a
51-4051	Metal-Refining Furnace Operators, Tender	*	*	*	*	*	*	*	\$13.39	10
51-4072	Molding, Coremaking, Casting Mach Setter	665	910	245	36.8	25	14	39	\$11.59	10
51-4081	Multiple Mach. Tool Setters, Operators	548	638	90	16.4	9	9	18	\$13.27	10
51-4111	Tool and Die Makers	145	162	17	11.7	2	4	6	\$20.20	9
51-4120	Welding, Soldering, and Brazing Workers	250	295	45	18.0	5	7	12	n/a	n/a
51-4121	Welders, Cutters, Solderers, and Brazers	232	275	43	18.5	4	7	11	\$13.65	7
51-5000	Printing Workers	150	175	25	16.7	3	4	7	n/a	n/a
51-5011	Bindery Workers	52	70	18	34.6	2	1	3	\$6.69	10
51-5020	Printers	98	105	7	7.1	1	2	3	n/a	n/a
51-5023	Printing Machine Operators	68	77	9	13.2	1	2	3	\$13.73	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Production Occupations (cont'd)

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishing Worker</b>	<b>2,447</b>	<b>2,213</b>	<b>-234</b>	<b>-9.6</b>	<b>0</b>	<b>31</b>	<b>31</b>	<b>n/a</b>	<b>n/a</b>
51-6011	Laundry and Dry-Cleaning Workers	138	170	32	23.2	3	4	7	\$7.38	10
51-6021	Pressers, Textile, Garment & Related	82	84	2	2.4	0	1	1	\$8.31	11
51-6031	Sewing Machine Operators	1,863	1,615	-248	-13.3	0	20	20	\$9.44	10
51-6060	Textile Mach Setter, Operator & Tender	278	249	-29	-10.4	0	5	5	n/a	n/a
51-6062	Textile Cutting Machine Setters, Operators	190	183	-7	-3.7	0	3	3	\$12.45	10
51-6063	Textile Knitting, Weaving Machine Setters	82	61	-21	-25.6	0	1	1	\$11.33	9
51-6090	Misc. Textile, Apparel & Furnishing Worker	77	84	7	9.1	1	2	3	n/a	n/a
51-6099	Textile, Apparel & Furnish. Worker, Other	56	61	5	8.9	1	1	2	\$12.13	10
<b>51-7000</b>	<b>Woodworkers</b>	<b>226</b>	<b>241</b>	<b>15</b>	<b>6.6</b>	<b>2</b>	<b>9</b>	<b>11</b>	<b>n/a</b>	<b>n/a</b>
51-7040	Woodworking Mach. Setter, Operator	161	168	7	4.3	1	6	7	n/a	n/a
51-7041	Sawing Mach. Setter, Operator & Tenders	90	90	0	0.0	0	4	4	\$11.44	10
51-7042	Woodworking Mach. Setters, Operators	71	78	7	9.9	1	3	4	\$10.07	10
<b>51-8000</b>	<b>Plant and System Operators</b>	<b>118</b>	<b>120</b>	<b>2</b>	<b>1.7</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
51-8021	Stationary Engineers and Boiler Operators	*	*	*	*	*	*	*	\$13.31	9
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>2,334</b>	<b>2,476</b>	<b>142</b>	<b>6.1</b>	<b>14</b>	<b>53</b>	<b>67</b>	<b>n/a</b>	<b>n/a</b>
51-9020	Crush, Grind, Polish, Mix & Blend. Worker	232	274	42	18.1	4	5	9	n/a	n/a
51-9021	Crush, Grind & Polish Machine Setters	75	95	20	26.7	2	2	4	\$11.19	10
51-9022	Grinding and Polishing Workers, Hand	*	*	*	*	*	*	*	\$10.47	10
51-9061	Inspec., Tester, Sorter, Sampler & Weigher	410	390	-20	-4.9	0	9	9	\$13.93	10
51-9190	Miscellaneous Production Workers	699	706	7	1.0	1	16	17	n/a	n/a
51-9191	Cementing & Gluing Machine Op. & Tender	34	32	-2	-5.9	0	1	1	\$10.95	n/a
51-9196	Paper Goods Mach. Setter, Operator	*	*	*	*	*	*	*	\$10.93	10
51-9198	Helpers--Production Workers	430	461	31	7.2	3	11	14	\$12.83	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

# Pennyrile Area

## Transportation & Material Moving Occs.

### Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occs.</b>	<b>6,435</b>	<b>7,026</b>	<b>591</b>	<b>9.2</b>	<b>59</b>	<b>159</b>	<b>218</b>	<b>n/a</b>	<b>n/a</b>
<b>53-1000</b>	<b>Supervisors, Transportation Workers</b>	<b>139</b>	<b>170</b>	<b>31</b>	<b>22.3</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
53-1021	Supervisors of Helpers, Laborers	50	63	13	26.0	1	1	2	\$17.14	8
53-1031	Supervisors of Transp. & Material Movers	79	95	16	20.3	2	2	4	\$18.59	8
<b>53-2000</b>	<b>Air Transportation Workers</b>	<b>120</b>	<b>108</b>	<b>-12</b>	<b>-10.0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>n/a</b>	<b>n/a</b>
53-2011	Airline Pilots, Copilots & Flight Engineers	*	*	*	*	*	*	*	n/a	5
53-2012	Commercial Pilots	*	*	*	*	*	*	*	n/a	7
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>2,842</b>	<b>3,250</b>	<b>408</b>	<b>14.4</b>	<b>41</b>	<b>45</b>	<b>86</b>	<b>n/a</b>	<b>n/a</b>
53-3020	Bus Drivers	563	596	33	5.9	3	14	17	n/a	n/a
53-3021	Bus Drivers, Transit and Intercity	35	44	9	25.7	1	1	2	\$6.24	10
53-3022	Bus Drivers, School	528	552	24	4.5	2	13	15	\$10.70	11
53-3030	Driver/Sales Workers and Truck Drivers	2,152	2,440	288	13.4	29	30	59	n/a	n/a
53-3031	Driver/Sales Workers	102	82	-20	-19.6	0	1	1	\$11.50	11
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,400	1,572	172	12.3	17	19	36	\$13.23	10
53-3033	Truck Drivers, Light or Delivery Services	650	786	136	20.9	14	9	23	\$10.15	11
53-3041	Taxi Drivers and Chauffeurs	98	165	67	68.4	7	1	8	\$8.73	11
<b>53-4000</b>	<b>Rail Transportation Workers</b>	<b>92</b>	<b>68</b>	<b>-24</b>	<b>-26.1</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
53-4010	Locomotive Engineers and Operators	37	35	-2	-5.4	0	2	2	n/a	n/a
53-4030	Railroad Conductors and Yardmasters	35	26	-9	-25.7	0	2	2	n/a	n/a
53-4031	Railroad Conductors and Yardmasters	35	26	-9	-25.7	0	2	2	n/a	8
<b>53-5000</b>	<b>Water Transportation Workers</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>
53-5021	Captains, Mates & Pilots of Water Vessels	*	*	*	*	*	*	*	\$44.26	8
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>275</b>	<b>310</b>	<b>35</b>	<b>12.7</b>	<b>4</b>	<b>13</b>	<b>17</b>	<b>n/a</b>	<b>n/a</b>
53-6031	Service Station Attendants	227	274	47	20.7	5	12	17	\$6.56	11
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>2,958</b>	<b>3,111</b>	<b>153</b>	<b>5.2</b>	<b>15</b>	<b>89</b>	<b>104</b>	<b>n/a</b>	<b>n/a</b>
53-7030	Dredge, Excavating & Loading Mach Ops	91	77	-14	-15.4	0	3	3	n/a	n/a
53-7032	Excavating, Loading Mach. & Dragline Ops	86	72	-14	-16.3	0	3	3	\$17.74	10
53-7051	Industrial Truck and Tractor Operators	424	438	14	3.3	1	6	7	\$12.52	11
53-7060	Laborers and Material Movers, Hand	2,190	2,300	110	5.0	11	71	82	n/a	n/a
53-7061	Cleaners of Vehicles and Equipment	171	210	39	22.8	4	7	11	\$7.29	11
53-7062	Laborer, Freight, Stock & Material Mover	1,444	1,488	44	3.0	4	48	52	\$9.76	11
53-7063	Machine Feeders and Offbearers	195	183	-12	-6.2	0	7	7	\$9.14	11
53-7064	Packers and Packagers, Hand	380	419	39	10.3	4	10	14	\$6.86	11
53-7081	Refuse and Recyclable Material Collectors	97	112	15	15.5	2	4	6	\$7.93	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

\* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

## Educational Classifications

Occupations are classified into one of eleven categories listed according to these principles:

- An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.
- Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.
- The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a post secondary award generally is needed for entry.

### Postsecodary awards

(1) **First professional degree.** Completion of the degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree.

(2) **Doctoral degree.** Completion of a Ph.D. or other doctoral degree usually requiries at least 3 years of full-time academic study beyond a bachelor's degree.

(3) **Master's degree.** Completion of the degree usually requires 1 or 2 years of full time academic study beyond a bachelor's degree.

(4) **Bachelor's degree.** Completion of the degree generally requires at least 4 years, but not more than 5 years, of full-time academic study.

(5) **Bachelor's or higher degree, plus work experience.** Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree is usually required.

(6) **Associate degree.** Completion of the degree usually requires at least 2 years of full-time academic study.

(7) **Postsecondary vocational awards.** Some programs last only a few weeks while others may last more than a year. Programs lead to a certificate or other award, but not a degree.

### Work-related training

(8) **Work experience in a related occupation.** Many occupations requiring work experience are first-line supervisors/managers of service, sales and related, production, or other occupations, or are management occupations.

(9) **Long-term on-the-job training.** More than 12 months on on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to 5 years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations—insurance sales and securities sales, for example—trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability—such as that possessed by musicians, atheletes, actors, and other entertainers—that must be cultivated over several years, frequently in a nonwork setting.

(10) **Moderate-term on-the-job training.** Skills needed to be fully qualified can be acquired during 1 to 12 months of combined on-the-job experience and informal training.

(11) **Short-term on-the-job training.** Skills needed to be fully qulaified can be acquired during a short demonstration of job duties or during 1 month or less of on-the-job experience or instruction.

Occupational Title	SOC Code	Page Number
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--- A ---

Accountants and Auditors	13-2011	10
Administrative Services Managers	11-3011	9
Adult Lit., Remedial Ed. & GED Teachers	25-3011	16
Adv., Marketing, Promo., PR & Sales	11-2000	9
Advertising and Promotions Managers	11-2011	9
Advertising Sales Agents	41-3011	24
Agricultural Inspectors	45-2011	27
Agricultural Managers	11-9010	9
Agricultural Workers	45-2000	27
Air Transportation Workers	53-2000	32
Aircraft Mech. & Service Technicians	49-3011	29
Airline Pilots, Copilots, and Flight Engineers	53-2011	32
Amusement and Recreation Attendants	39-3091	23
Announcers	27-3010	17
Architects, Surveyors & Cartographers	17-1000	12
Architectural and Civil Drafters	17-3011	12
Art and Design Workers	27-1000	17
Arts, Comm. & Humanities Teach, Postsec.	25-1120	16
Assemblers and Fabricators	51-2000	30
Assemblers and Fabricators, All Other	51-2099	30
Automotive Body and Related Repairers	49-3021	29
Automotive Service Tech. & Mechanics	49-3023	29
Automotive Technicians and Repairers	49-3020	29

--- B ---

Bailiffs, Correctional Officers, and Jailers	33-3010	20
Barbers and Cosmetologists	39-5010	23
Bartenders	35-3011	21
Bill and Account Collectors	43-3011	25
Billing, Posting Clerks & Machine Operators	43-3021	25
Bindery Workers	51-5011	30
Bookkeeping, Account. & Auditing Clerks	43-3031	25
Brickmasons and Blockmasons	47-2021	28
Build. & Grounds Clean. and Maint., Other	37-9099	22

Occupational Title	SOC Code	Page Number
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Building Cleaning & Pest Control	37-2000	22
Building Cleaning Workers	37-2010	22
Bus & Truck Mech & Diesel Engine Spec.	49-3031	29
Bus Drivers	53-3020	32
Bus Drivers, School	53-3022	32
Bus Drivers, Transit and Intercity	53-3021	32
Business Operations Specialists	13-1000	10
Business Operations Specialists, All Other	13-1199	10
Butchers and Meat Cutters	51-3021	30
Butchers, Meat, Poultry & Fish Process.	51-3020	30
Buyers and Purchasing Agents	13-1020	10

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Captains, Mates & Pilots of Water Vessels	53-5021	32
Cardiovascular Technologists & Tech.	29-2031	18
Carpenters	47-2031	28
Cashiers	41-2011	24
Cement Masons and Concrete Finishers	47-2051	28
Cementing & Gluing Machine Op. & Tender	51-9191	31
Chefs and Head Cooks	35-1011	21
Chemists	19-2031	13
Chief Executives	11-1011	9
Child Care Workers	39-9011	23
Civil Engineers	17-2051	12
Claims Adj., Appraise., Examin. & Invest.	13-1030	10
Cleaners of Vehicles and Equipment	53-7061	32
Clinical Laboratory Technologists & Tech.	29-2010	18
Clinical, Counseling & School Psychologists	19-3031	13
Coaches and Scouts	27-2022	17
Coin, Vend. & Amusement Mach. Servicer	49-9091	29
Comb. Food Prep. & Serving Inc. Fast Food	35-3021	21
Commercial and Industrial Designers	27-1021	17
Commercial Pilots	53-2012	32
Communications Equip. Operators	43-2000	25
Comp., Benefits & Job Analysis Spec.	13-1072	10
Compliance Officer, Ex. Ag. & Const.	13-1041	10
Computer & Information Systems Manag.	11-3021	9



Occupational Title	SOC Code	Page Number
Computer Control Prog. and Operators	51-4010	30
Computer Operators	43-9011	26
Computer Programmers	15-1021	11
Computer Software Engineers, Applications	15-1031	11
Computer Specialists	15-1000	11
Computer Specialists, All Other	15-1099	11
Computer Support Specialists	15-1041	11
Computer Systems Analysts	15-1051	11
Computer, Auto. Teller & Machine Repairer	49-2011	29
Computer-Control Mach.Tool Ops	51-4011	30
Conservation Scientists	19-1031	13
Conservation Scientists and Foresters	19-1030	13
Construction and Building Inspectors	47-4011	28
Construction Equipment Operators	47-2070	28
Construction Laborers	47-2061	28
Construction Managers	11-9021	9
Construction Trades Workers	47-2000	28
Control & Valve Install & Repair, Ex. Mech	49-9012	29
Control & Valve Installers and Repairers	49-9010	29
Cooks	35-2010	21
Cooks and Food Preparation Workers	35-2000	21
Cooks, Fast Food	35-2011	21
Cooks, Institution and Cafeteria	35-2012	21
Cooks, Restaurant	35-2014	21
Cooks, Short Order	35-2015	21
Correctional Officers and Jailers	33-3012	20
Cost Estimators	13-1051	10
Couns., Social & Rel. Worker, All Other	21-9099	14
Counselors	21-1010	14
Counselors, Social Workers & Others	21-1000	14
Counter and Rental Clerks	41-2021	24
Counter Attend, Cafeteria, Food Conces.	35-3022	21
Counter, Rental Clerks & Parts Sales.	41-2020	24
Couriers and Messengers	43-5021	25
Court, Municipal, and License Clerks	43-4031	25
Credit Analysts	13-2041	10
Credit Authorizers, Checkers, and Clerks	43-4041	25
Crush, Grind & Polish Machine Setters	51-9021	31
Crush, Grind, Polish, Mix & Blend. Worker	51-9020	31

Occupational Title	SOC Code	Page Number
Customer Service Representatives	43-4051	25
Cut, Punch & Press Machine Setter	51-4031	30

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Data Entry & Info. Processing Workers	43-9020	26
Data Entry Keyers	43-9021	26
Database Administrators	15-1061	11
Dental Assistants	31-9091	19
Dental Hygienists	29-2021	18
Dentists	29-1020	18
Designers	27-1020	17
Desktop Publishers	43-9031	26
Detectives and Criminal Investigators	33-3021	20
Diagnostic Related Technologists & Tech.	29-2030	18
Dietitians and Nutritionists	29-1031	18
Dining Rm., Cafeteria Attend, Bartend. Help.	35-9011	21
Directors, Religious Activities & Education	21-2021	14
Dishwashers	35-9021	21
Dispatchers	43-5030	25
Dispatchers, Ex. Police, Fire & Ambulance	43-5032	25
Drafters	17-3010	12
Drafters, Eng. & Mapping Tech., All Other	17-3099	12
Drafters, Engineering & Mapping Tech.	17-3000	12
Dredge, Excavating & Loading Mach Ops	53-7030	32
Drilling, Boring Machine Tool Setter	51-4032	30
Driver/Sales Workers	53-3031	32
Driver/Sales Workers and Truck Drivers	53-3030	32

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Earth Drillers, Except Oil and Gas	47-5021	28
Education Admin., Elem. & Second.	11-9032	9
Education Admin., Postsecondary	11-9033	9
Education Admin., Presch. & Child Care	11-9031	9
Education Administrators	11-9030	9
Educational, Voc. & School Counselors	21-1012	14

Occupational Title	SOC Code	Page Number
Elec. Home Entertain. Equip. Install & Repair	49-2097	29
Elec. Power-Line Install and Repair	49-9051	29
Electrical & Electronic Engineering Tech.	17-3023	12
Electrical & Electronic Equip. Mechanic	49-2000	29
Electrical & Electronics Repair.	49-2094	29
Electrical and Electronics Engineers	17-2070	12
Electrical Engineers	17-2071	12
Electricians	47-2111	28
Electro-Mechanical Technicians	17-3024	12
Elem. School Teachers, Ex. Special Ed.	25-2021	16
Elementary and Middle School Teachers	25-2020	16
Embalmers	39-4011	23
Employment, Recruit. & Placement Spec.	13-1071	10
EMT & Paramedics	29-2041	18
Engineering Managers	11-9041	9
Engineering Technicians, Except Drafters	17-3020	12
Engineers	17-2000	12
Engineers, All Other	17-2199	12
Ent. & Performers, Sports & Related	27-2000	17
Entertainment Attend. & Related	39-3000	23
Environmental Sci. & Spec., Inc. Health	19-2041	13
Excavating, Loading Mach. & Dragline Ops	53-7032	32
Executive Secretaries & Admin. Assist	43-6011	26
Extraction Workers	47-5000	28
Extruding, Drawing Mach. Setter, Operator	51-4021	30

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Fallers	45-4021	27
Farmers and Ranchers	11-9012	9
Farmworkers, Farm and Ranch Animals	45-2093	27
Fashion Designers	27-1022	17
Fast Food and Counter Workers	35-3020	21
File Clerks	43-4071	25
Financial Clerks	43-3000	25
Financial Managers	11-3031	9
Financial Specialists	13-2000	10
Financial Specialists, All Other	13-2099	10

Occupational Title	SOC Code	Page Number
Financial, Info & Record Clerks, All Other	43-4999	25
Fire Fighting and Prevention Workers	33-2000	20
Fitness Trainers and Aerobics Instructors	39-9031	23
Floral Designers	27-1023	17
Food and Beverage Serving Workers	35-3000	21
Food Preparation Workers	35-2021	21
Food Processing Workers	51-3000	30
Food Servers, Nonrestaurant	35-3041	21
Food Service Managers	11-9051	9
Forest and Conservation Technicians	19-4093	13
Forest, Conservation & Logging	45-4000	27
Forming Mach Setter, Ops & Tenders	51-4020	30
Funeral Attendants	39-4021	23
Funeral Directors	11-9061	9
Funeral Service Workers	39-4000	23

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Gaming Occupations	39-2000	23
General and Operations Managers	11-1021	9
Grind, Lap, Polish & Buffing Mach. Setter	51-4033	30
Grinding and Polishing Workers, Hand	51-9022	31
Grounds Maintenance Workers	37-3000	22
Grounds Maintenance Workers	37-3010	22

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Hairdressers, Stylists & Cosmetologists	39-5012	23
Health & Safety Eng., Ex. Mining Safety	17-2111	12
Health Diag & Treating Pract. Support Tech.	29-2050	18
Health Diag. & Treating Pract., All Other	29-1199	18
Health Diag. & Treating Practitioners	29-1000	18
Health Educators	21-1091	14
Health Teachers, Postsecondary	25-1070	16
Health Technologists and Technicians	29-2000	18
Healthcare Support Workers, All Other	31-9099	19
Heating, Air Cond. & Refrig. Mechanics	49-9021	29



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Heavy Vehicle & Mobile Equip. Serv. Tech.	49-3040	29
Helper--Pipelayer & fitter, Plumber, Steamfit.	47-3015	28
Helpers, Construction Trades	47-3000	28
Helpers--Carpenters	47-3012	28
Helpers--Extraction Workers	47-5081	28
Helpers--Install, Maint. & Repair Workers	49-9098	29
Helpers--Production Workers	51-9198	31
Highway Maintenance Workers	47-4051	28
Home Health Aides	31-1011	19
Hosts & Hostesses, Restaurant, Lounge	35-9031	21
Hotel, Motel, and Resort Desk Clerks	43-4081	25
Human Res. Assist, Ex. Payroll & Timekeep	43-4161	25
Human Res., Training & Labor Relat. Spec.	13-1070	10
Human Resources Managers	11-3040	9

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Industrial Mach. Install, Repair, and Maint.	49-9040	29
Industrial Machinery Mechanics	49-9041	29
Industrial Production Managers	11-3051	9
Industrial Truck and Tractor Operators	53-7051	32
Information and Record Clerks	43-4000	25
Inspec., Tester, Sorter, Sampler & Weigher	51-9061	31
Install, Maint. and Repair Worker, All Other	49-9099	29
Instructional Coordinators	25-9031	16
Insulation Workers	47-2130	28
Insurance Sales Agents	41-3021	24
Interior Designers	27-1025	17
Interviewers, Except Eligibility and Loan	43-4111	25

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Janitors & Cleaners	37-2011	22
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Kindergarten Teachers, Ex. Special Ed.	25-2012	16
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Laborer, Freight, Stock & Material Mover	53-7062	32
Laborers and Material Movers, Hand	53-7060	32
Landscaping & Grounds. Workers	37-3011	22
Lathe, Turning Mach. Setter, Operator	51-4034	30
Laundry and Dry-Cleaning Workers	51-6011	31
Law Enforcement Workers	33-3000	20
Lawyers	23-1011	15
Lawyers, Judges & Related Workers	23-1000	15
Legal & Related Workers, All Other	23-9099	15
Legal Secretaries	43-6012	26
Legal Support Workers	23-2000	15
Lib., Museum, Train. & Other Ed. Workers	25-9199	16
Librarians	25-4021	16
Librarians, Curators, and Archivists	25-4000	16
Library Assistants, Clerical	43-4121	25
Licensed Pract. & Licensed Voc. Nurses	29-2061	18
Life Scientists	19-1000	13
Life Scientists, All Other	19-1099	13
Life, Physical & Social Science Tech.	19-4000	13
Line Installers and Repairers	49-9050	29
Loan Interviewers and Clerks	43-4131	25
Loan Officers	13-2072	10
Locomotive Engineers and Operators	53-4010	32
Lodging Managers	11-9081	9
Logging Equipment Operators	45-4022	27

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Mach. Tool Cut Setter, Operator & Tender	51-4030	30
Machine Feeders and Offbearers	53-7063	32
Machinists	51-4041	30
Maids and Housekeeping Cleaners	37-2012	22
Mail Clerks & Machine Ops, Ex. Postal Serv.	43-9051	26
Maintenance and Repair Workers, General	49-9042	29
Maintenance Workers, Machinery	49-9043	29
Managers, All Other	11-9199	9

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Manicurists and Pedicurists	39-5092	23
Market Research Analysts	19-3021	13
Marketing and Sales Managers	11-2020	9
Marketing Managers	11-2021	9
Material Moving Workers	53-7000	32
Material Record, Schedule, Dispatch	43-5000	25
Math & Computer Teachers, Postsec.	25-1020	16
Mathematical Scientists	15-2000	11
Mechanical Engineering Technicians	17-3027	12
Mechanical Engineers	17-2141	12
Media & Comm. Equipment Workers	27-4000	17
Media and Communication Workers	27-3000	17
Medical & Clinical Laboratory Tech.	29-2011	18
Medical and Clinical Laboratory Tech.	29-2012	18
Medical and Health Services Managers	11-9111	9
Medical and Public Health Social Workers	21-1022	14
Medical Assistants	31-9092	19
Medical Records & Health Inf. Technicians	29-2071	18
Medical Secretaries	43-6013	26
Medical Transcriptionists	31-9094	19
Merch. Display & Window Trimmers	27-1026	17
Metal Furnace, Kiln Operators and Tender	51-4050	30
Metal Workers and Plastic Workers	51-4000	30
Metal-Refining Furnace Operators, Tender	51-4051	30
Meter Readers, Utilities	43-5041	25
Middle School Teach, Ex. Special, Voc. Ed.	25-2022	16
Millwrights	49-9044	29
Misc. Build., Grounds Clean. & Maint.	37-9000	22
Misc. Community & Social Service Spec.	21-1090	14
Misc. Counselors, Social, & Religious	21-9000	14
Misc. Electrical and Electronic Equipment	49-2090	29
Misc. Entertainment Attend. and Related	39-3090	23
Misc. Health Practitioners & Tech. Workers	29-9090	18
Misc. Healthcare Support Occupations	31-9090	19
Misc. Install., Maint. and Repair Workers	49-9090	29
Misc. Legal & Related Workers	23-9000	15
Misc. Life, Physical & Social Science Tech.	19-4090	13
Misc. Textile, Apparel & Furnishing Worker	51-6090	31
Miscellaneous Agricultural Workers	45-2090	27
Miscellaneous Assemblers & Fabricators	51-2090	30
Miscellaneous Computer Specialists	15-1090	11

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Miscellaneous Postsecondary Teachers	25-1190	16
Miscellaneous Production Workers	51-9190	31
Miscellaneous Protective Service Workers	33-9090	20
Miscellaneous Sales and Related Workers	41-9090	24
Miscellaneous Teachers and Instructors	25-3090	16
Mobile Heavy Equip. Mech., Ex. Engines	49-3042	29
Molding, Coremaking, Casting Mach Setter	51-4072	30
Motor Vehicle Operators	53-3000	32
Motorboat Mechanics	49-3051	29
Multiple Mach. Tool Setters, Operators	51-4081	30
Music Directors and Composers	27-2041	17
Musicians, Singers, and Related Workers	27-2040	17

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Network & Computer Systems Admin.	15-1070	11
Network & Computer Systems Admin.	15-1071	11
News Analysts, Report. & Correspondents	27-3020	17
Nonfarm Animal Caretakers	39-2021	23
Nuclear Medicine Technologists	29-2033	18
Nursing Aides, Orderlies & Attendants	31-1012	19
Nursing, Psych. & Home Health Aides	31-1010	19
Nursing, Psychiatric & Home Health Aides	31-1000	19

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Occ. & Physical Therapist Assist.	31-2000	19
Occ. Health & Safety Spec. and Tech.	29-9010	18
Occupational Therapists	29-1122	18
Office & Admin. Support Worker, All Other	43-9999	26
Office Clerks, General	43-9061	26
Office Machine Ops, Except Computer	43-9071	26
Op. Eng. & Other Construction Equip. Ops	47-2073	28
Operations Specialties Managers	11-3000	9
Order Clerks	43-4151	25
Other Construction & Related Workers	47-4000	28
Other Ed., Training & Library Occs	25-9000	16
Other Food Prep. & Serving Rel. Work.	35-9000	21
Other Healthcare Pract. & Tech. Occs	29-9000	18

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Other Healthcare Support Occs	31-9000	19
Other Install, Maint. & Repair Occs	49-9000	29
Other Management Occupations	11-9000	9
Other Office & Admin. Support Worker	43-9000	26
Other Personal Care & Service Worker	39-9000	23
Other Production Occupations	51-9000	31
Other Protective Service Workers	33-9000	20
Other Sales and Related Workers	41-9000	24
Other Teachers and Instructors	25-3000	16
Other Transportation Workers	53-6000	32

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Packers and Packagers, Hand	53-7064	32
Painters, Construction and Maintenance	47-2141	28
Paper Goods Mach. Setter, Operator	51-9196	31
Paralegals and Legal Assistants	23-2011	15
Parts Salespersons	41-2022	24
Payroll and Timekeeping Clerks	43-3051	25
Personal Appearance Workers	39-5000	23
Pesticide Handler, Sprayers & Applicators	37-3012	22
Pharmacists	29-1051	18
Pharmacy Aides	31-9095	19
Pharmacy Technicians	29-2052	18
Photographers	27-4021	17
Physical Scientists	19-2000	13
Physical Therapist Aides	31-2022	19
Physical Therapist Assistants	31-2021	19
Physical Therapist Assistants and Aides	31-2020	19
Physical Therapists	29-1123	18
Physicians and Surgeons	29-1060	18
Physicians and Surgeons, All Other	29-1069	18
Plant and System Operators	51-8000	31
Police and Sheriff's Patrol Officers	33-3051	20
Police Officers	33-3050	20
Postal Service Clerks	43-5051	25
Postal Service Mail Carriers	43-5052	25
Postal Service Mail Sorters, Processors	43-5053	25
Postal Service Workers	43-5050	25
Postmasters and Mail Superintendents	11-9131	9

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Postsecondary Teachers	25-1000	16
Precision Inst. and Equip Repairers	49-9060	29
Preschool and Kindergarten Teachers	25-2010	16
Preschool Teachers, Ex. Special Ed.	25-2011	16
Pressers, Textile, Garment & Related	51-6021	31
Primary, Sec. & Special Ed. Teachers	25-2000	16
Printers	51-5020	30
Printing Machine Operators	51-5023	30
Printing Workers	51-5000	30
Procurement Clerks	43-3061	25
Production, Planning & Expediting Clerks	43-5061	25
Protective Service Workers, All Other	33-9099	20
Psychologists	19-3030	13
Public Relations Specialists	27-3031	17
Purch. Agents, Ex. Wholesale & Retail	13-1023	10
Purchasing Agents & Buyers, Farm Prod.	13-1021	10
Purchasing Managers	11-3061	9

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Radiologic Technologists and Technicians	29-2034	18
Rail Transportation Workers	53-4000	32
Railroad Conductors and Yardmasters	53-4030	32
Railroad Conductors and Yardmasters	53-4031	32
Real Estate & Community Assn. Manag.	11-9141	9
Real Estate Brokers	41-9021	24
Real Estate Brokers and Sales Agents	41-9020	24
Real Estate Sales Agents	41-9022	24
Receptionists and Information Clerks	43-4171	25
Recreation and Fitness Workers	39-9030	23
Recreation Workers	39-9032	23
Recreational Therapists	29-1125	18
Refuse and Recyclable Material Collectors	53-7081	32
Registered Nurses	29-1111	18
Rehabilitation Counselors	21-1015	14
Religious Workers	21-2000	14
Respiratory Therapists	29-1126	18
Respiratory Therapy Technicians	29-2054	18
Retail Sales Workers	41-2000	24
Retail Salespersons	41-2031	24

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Sales and Related Workers, All Other	41-9099	24
Sales Engineers	41-9031	24
Sales Managers	11-2022	9
Sales Representatives, Services	41-3000	24
Sales Reps, Wholesale & Manuf., Ex. Tech	41-4012	24
Sales Reps, Wholesale & Manuf., Tech.	41-4011	24
Sales Reps., Services, All Other	41-3099	24
Sales Reps., Wholesale and Manuf.	41-4000	24
Sawing Mach. Setter, Operator & Tenders	51-7041	31
Sec. School Teach, Ex. Special, Voc. Ed.	25-2031	16
Secondary School Teachers	25-2030	16
Secretaries & Administrative Assist.	43-6000	26
Secretaries, Ex. Legal, Medical & Executive	43-6014	26
Security Guards	33-9032	20
Self-Enrichment Education Teachers	25-3021	16
Service Station Attendants	53-6031	32
Sewing Machine Operators	51-6031	31
Sheet Metal Workers	47-2211	28
Shipping, Receiving, and Traffic Clerks	43-5071	25
Slaughterers and Meat Packers	51-3023	30
Social & Community Service Managers	11-9151	9
Social Sci. & Related Workers, All Other	19-3099	13
Social Scientists and Related Workers	19-3000	13
Social Workers	21-1020	14
Special Ed. Teach, Preschool to Elem.	25-2041	16
Special Ed. Teachers, Middle School	25-2042	16
Special Ed. Teachers, Secondary School	25-2043	16
Special Education Teachers	25-2040	16
Speech-Language Pathologists	29-1127	18
Stationary Engineers and Boiler Operators	51-8021	31
Stock Clerks and Order Fillers	43-5081	25
Supervisor, Build. & Grounds Cleaning	37-1000	22
Supervisor, Const. & Extraction Worker	47-1000	28
Supervisor, Install., Maint. & Repair	49-1000	29
Supervisors of Construction Trades	47-1011	28
Supervisors of Farm, Fish, and Forestry	45-1011	27
Supervisors of Fire Fighting	33-1021	20
Supervisors of Food Prep. and Serving	35-1012	21

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Supervisors of Helpers, Laborers	53-1021	32
Supervisors of Mechanics, Installers	49-1011	29
Supervisors of Non-Retail Sales Workers	41-1012	24
Supervisors of Office and Admin. Support	43-1011	25
Supervisors of Personal Service Workers	39-1021	23
Supervisors of Production and Operating	51-1011	30
Supervisors of Retail Sales Workers	41-1011	24
Supervisors of Transp. & Material Movers	53-1031	32
Supervisors, Building & Grounds Cleaning	37-1010	22
Supervisors, Farm, Fish & Forestry	45-1000	27
Supervisors, Food Prep. and Serving	35-1010	21
Supervisors, Housekeeping & Janitorial	37-1011	22
Supervisors, Landscaping, Lawn Service	37-1012	22
Supervisors, Law Enforcement Workers	33-1010	20
Supervisors, Office & Admin. Support	43-1000	25
Supervisors, Personal Care & Serv.	39-1000	23
Supervisors, Production Workers	51-1000	30
Supervisors, Protective Serv. Work., Other	33-1099	20
Supervisors, Protective Serv. Workers	33-1000	20
Supervisors, Sales Workers	41-1000	24
Supervisors, Sales Workers	41-1010	24
Supervisors, Transportation Workers	53-1000	32
Surgical Technologists	29-2055	18
Surveying and Mapping Technicians	17-3031	12
Surveyors	17-1022	12
Switchboard Ops, Inc. Answering Service	43-2011	25

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Tax Examin., Collect., Preparer & Revenue	13-2080	10
Tax Examiners, Collect. & Revenue Agents	13-2081	10
Taxi Drivers and Chauffeurs	53-3041	32
Teacher Assistants	25-9041	16
Teachers and Instructors, All Other	25-3999	16
Team Assemblers	51-2092	30
Telemarketers	41-9041	24
Tellers	43-3071	25
Textile Cutting Machine Setters, Operators	51-6062	31
Textile Knitting, Weaving Machine Setters	51-6063	31
Textile Mach Setter, Operator & Tender	51-6060	31

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Textile, Apparel & Furnish. Worker, Other	51-6099	31
Textile, Apparel & Furnishing Worker	51-6000	31
Therapists	29-1120	18
Tire Repairers and Changers	49-3093	29
Tool and Die Makers	51-4111	30
Top Executives	11-1000	9
Training and Development Specialists	13-1073	10
Transp., Storage & Distribution Manag.	11-3071	9
Truck Drivers, Heavy and Tractor-Trailer	53-3032	32
Truck Drivers, Light or Delivery Services	53-3033	32

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Ushers, Lobby Attendants & Ticket Takers	39-3031	23
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Vehicle & Mobile Equip. Mech, Install	49-3000	29
Vet. Assist. & Lab. Animal Caretakers	31-9096	19
Vocational Ed. Teachers, Postsecondary	25-1194	16
Vocational Ed. Teachers, Sec. School	25-2032	16

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Waiters and Waitresses	35-3031	21
Water Transportation Workers	53-5000	32
Weigher, Measurer, Checker & Sampler	43-5111	25
Welders, Cutters, Solderers, and Brazers	51-4121	30
Welding, Soldering, and Brazing Workers	51-4120	30
Wholesale and Retail Buyers, Except Farm	13-1022	10
Woodworkers	51-7000	31
Woodworking Mach. Setter, Operator	51-7040	31
Woodworking Mach. Setters, Operators	51-7042	31
Word Processors and Typists	43-9022	26
Writers and Editors	27-3040	17